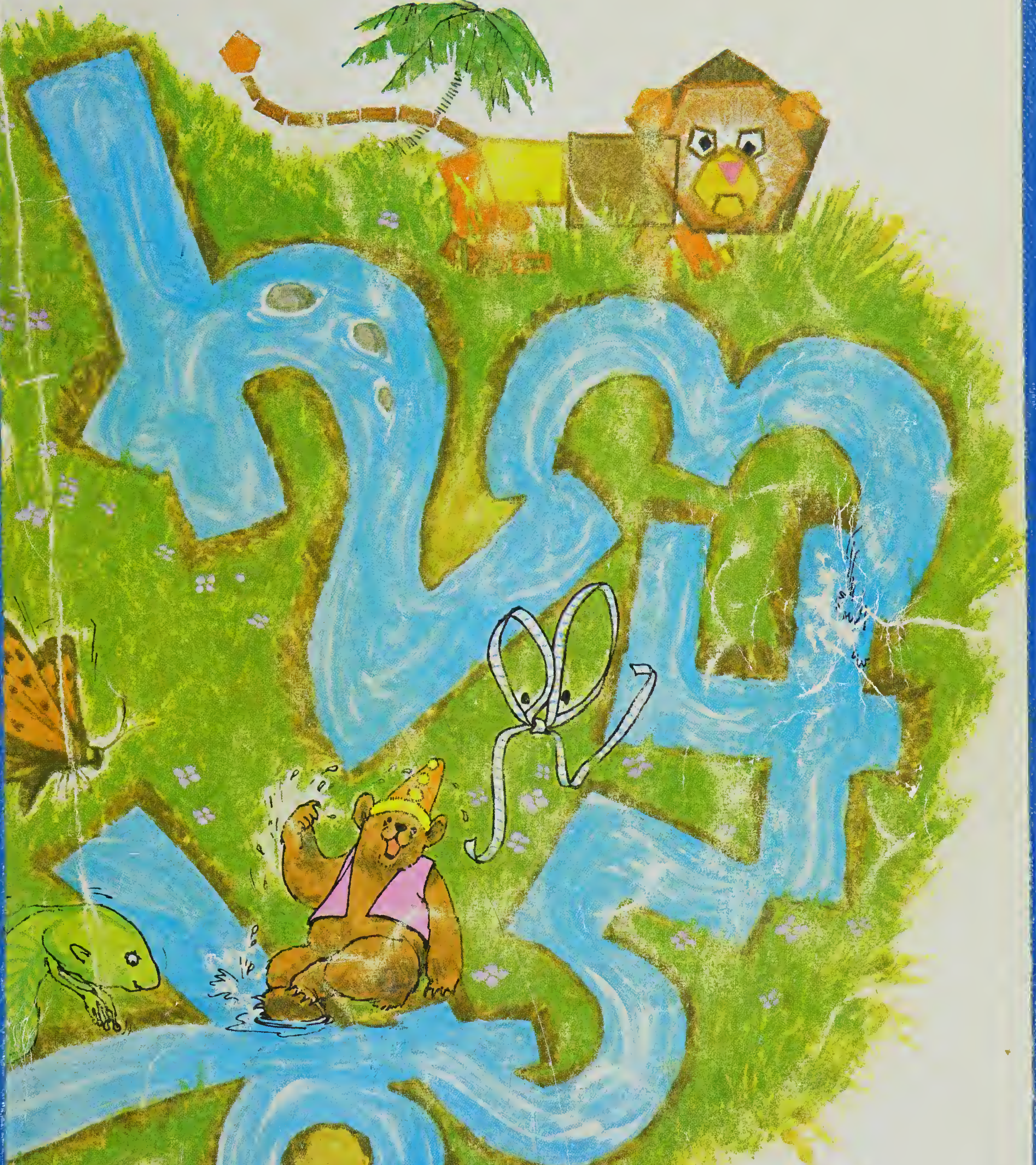
mathways 2

BATES · MORHAM · SEIM · DRAKE



mathways 2

W. W. BATES
Director of Mathematics
Toronto Board of Education

GEORGINA MORHAM
Resource Teacher

ROBIN TAYLOR SEIM
Metric Consultant

MARION DRAKE
Primary Teacher

Design
Cerebrus Productions

Illustration
Ruth Bagshaw
Alan Daniel
Lea Daniel
Roger Griese
James Loates
Martin Glen Loates
Gordon McLean
Gord Rayner
J. Merle Smith
Al Warren

©Copp Clark Pitman, 1974,1978
ISBN 0 7730 1423 3

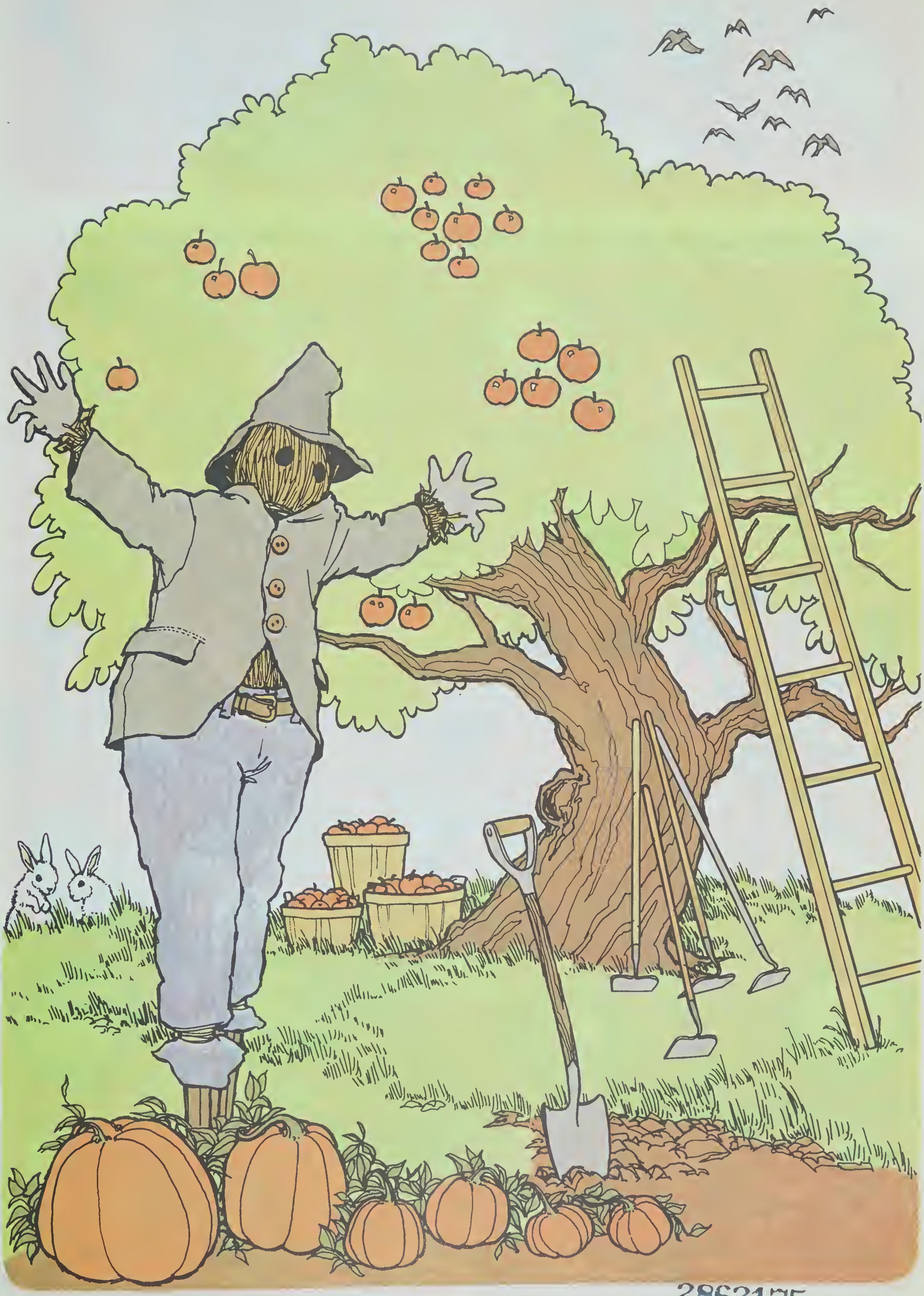
517 Wellington Street West
Toronto, Ontario M5V 1G1

Printed and bound in Canada

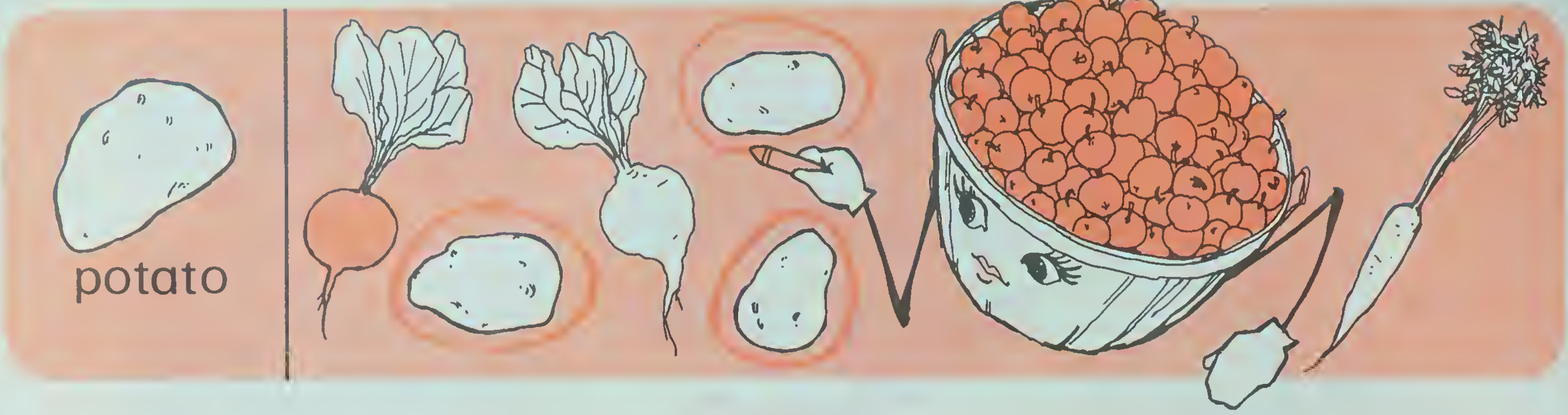
Copp Clark Pitman
A Division of Copp Clark Limited
Toronto

LIBRARY
UNIVERSITY OF ALBERTA

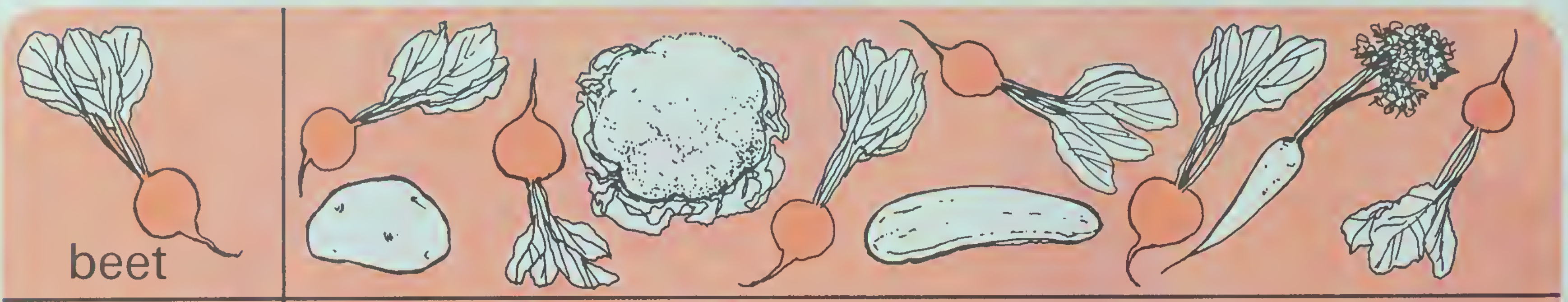
Ask.

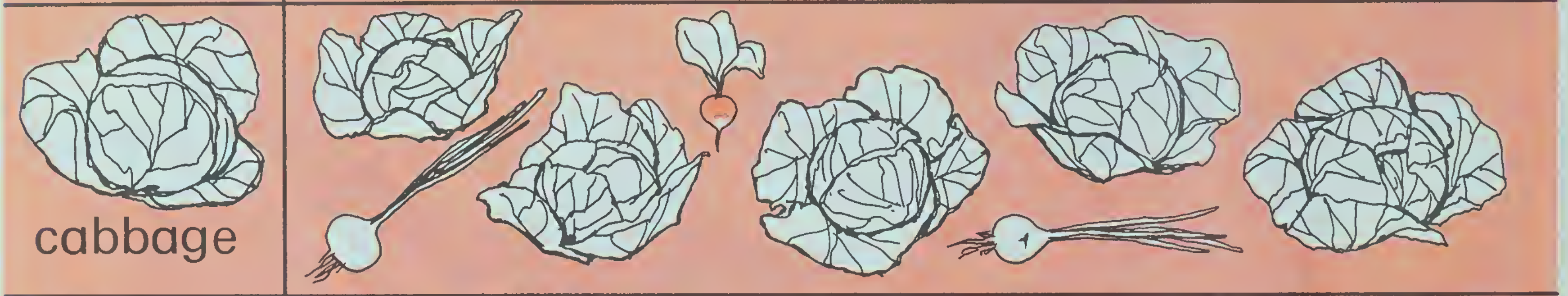


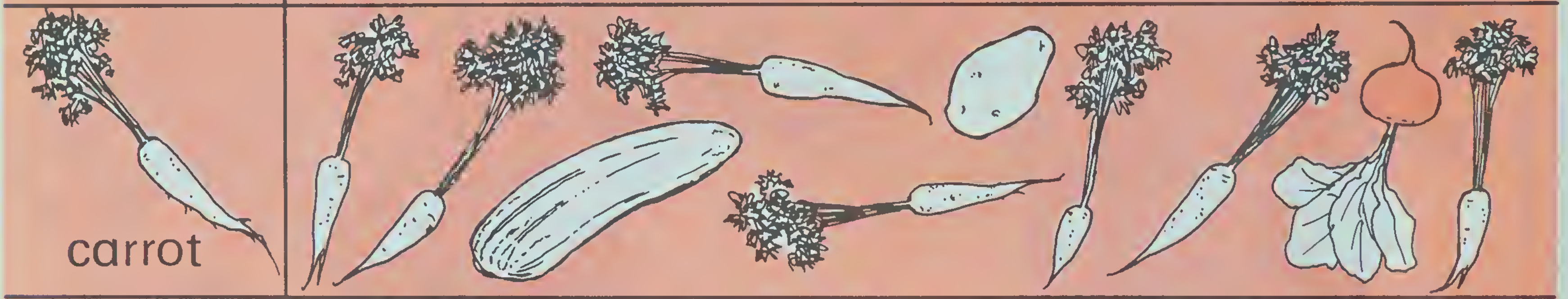
2862175

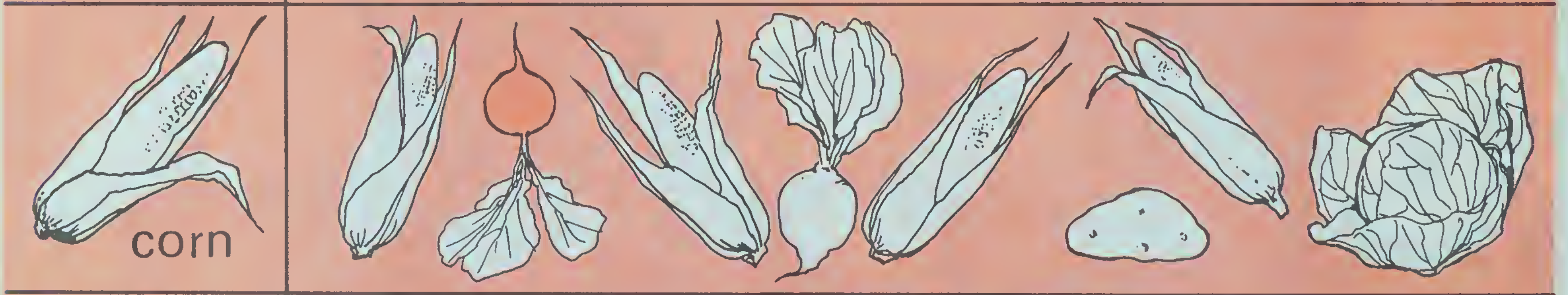

potato

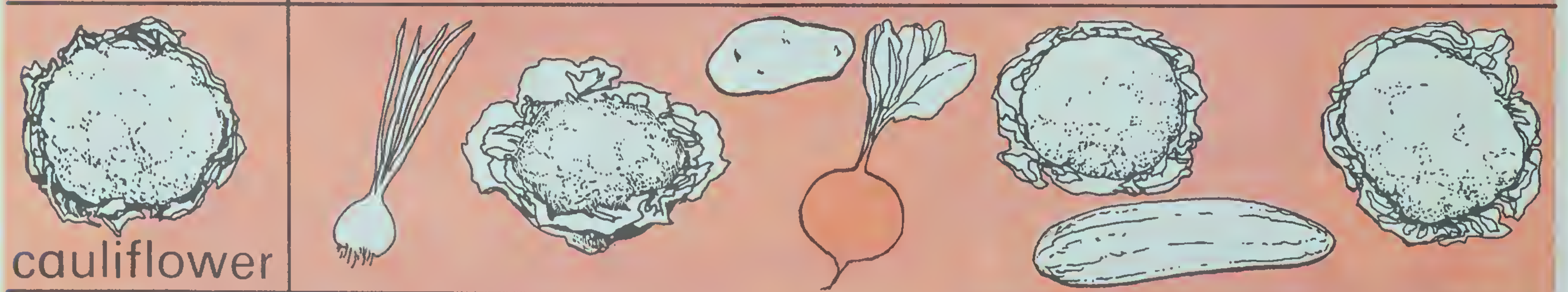
Circle the vegetables that are the same as the first one.

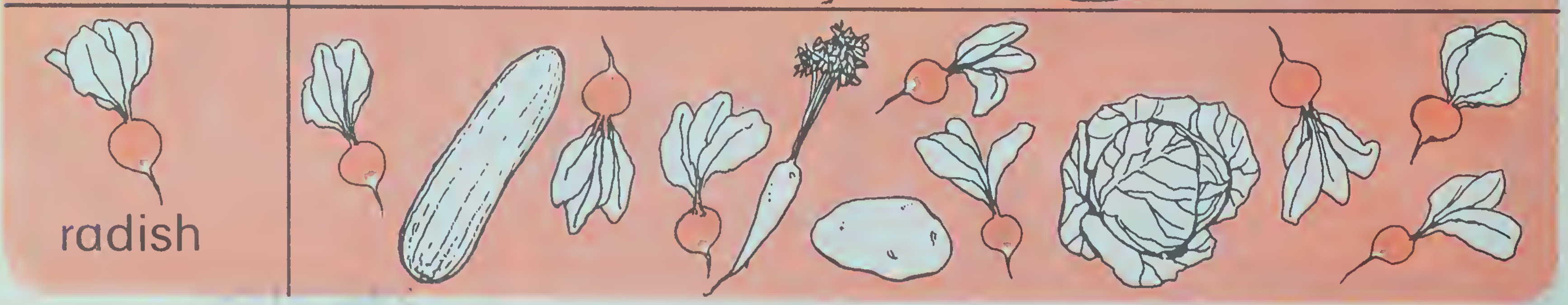

beet

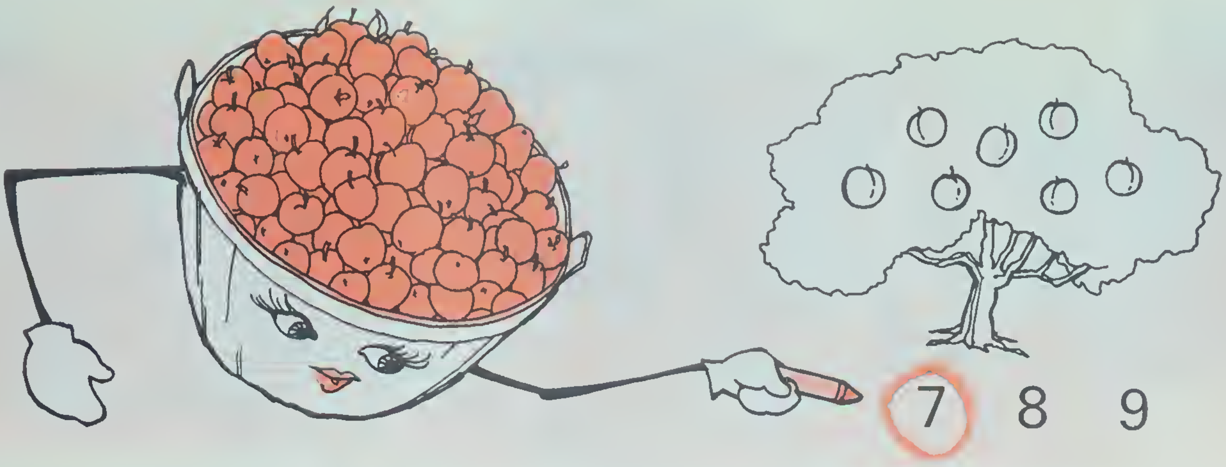

cabbage


carrot


corn

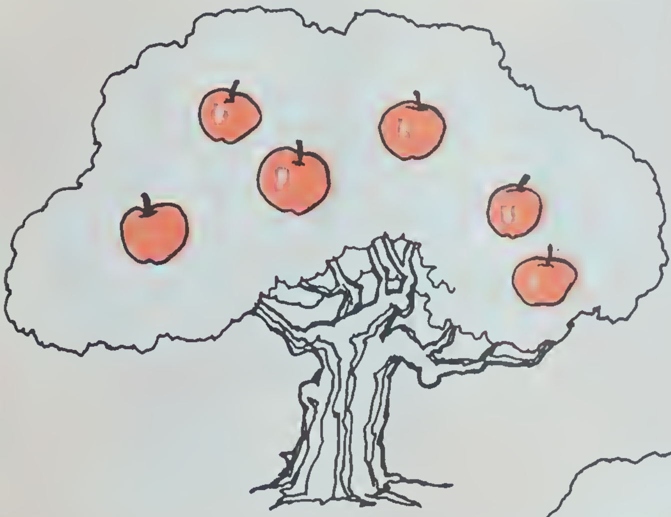

cauliflower


radish

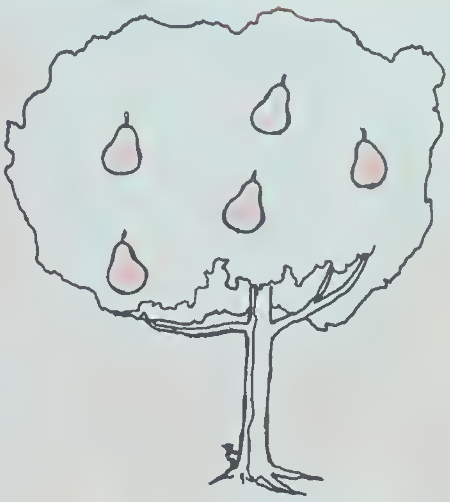


[✓ 7] 8 9

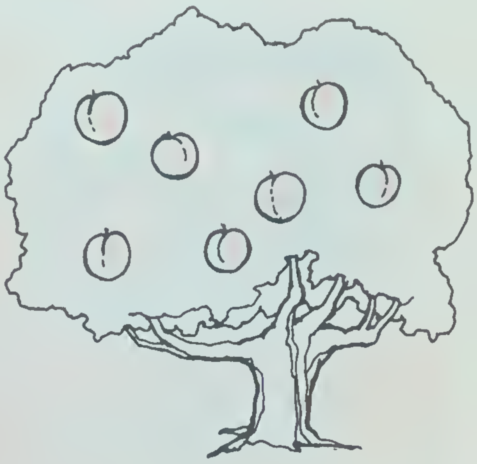
How many?



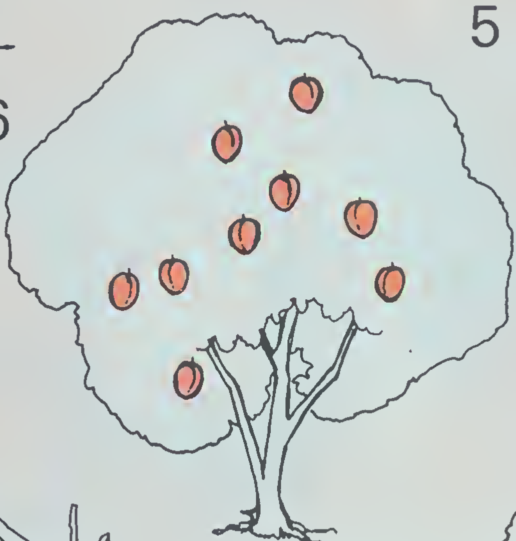
4 5 6



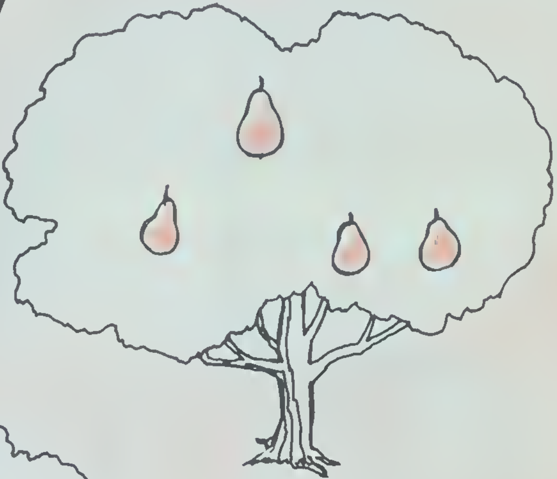
5 6 7



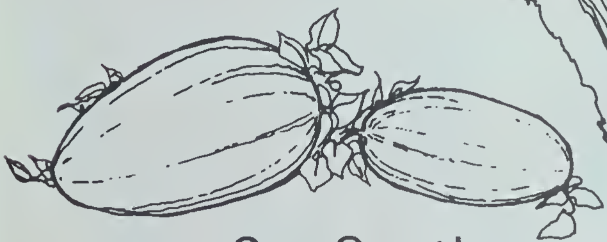
6 7 8



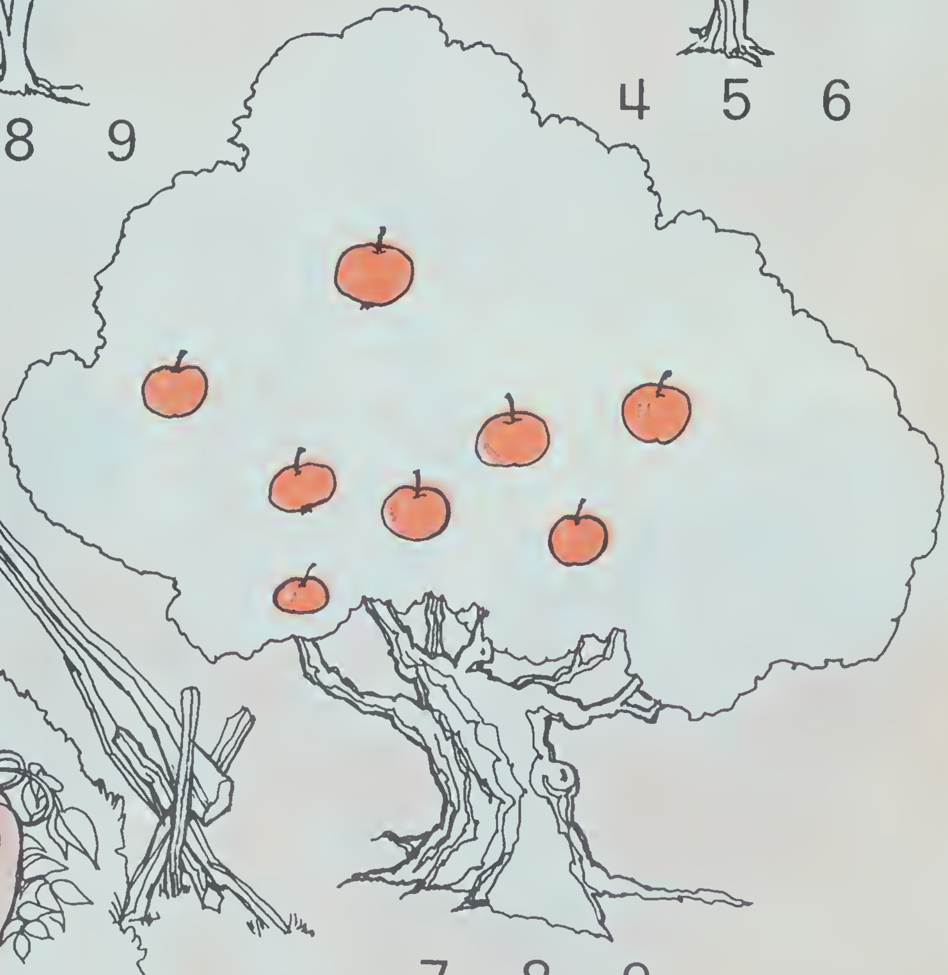
7 8 9



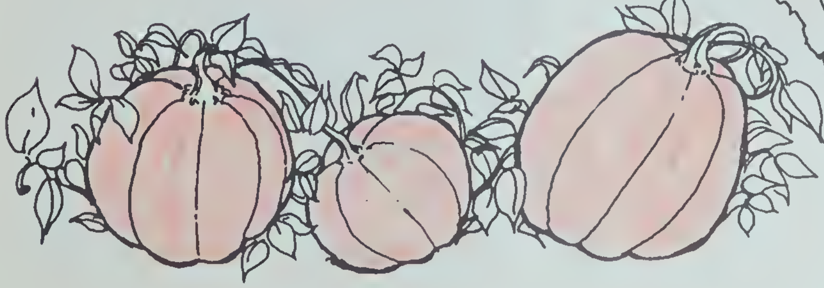
4 5 6



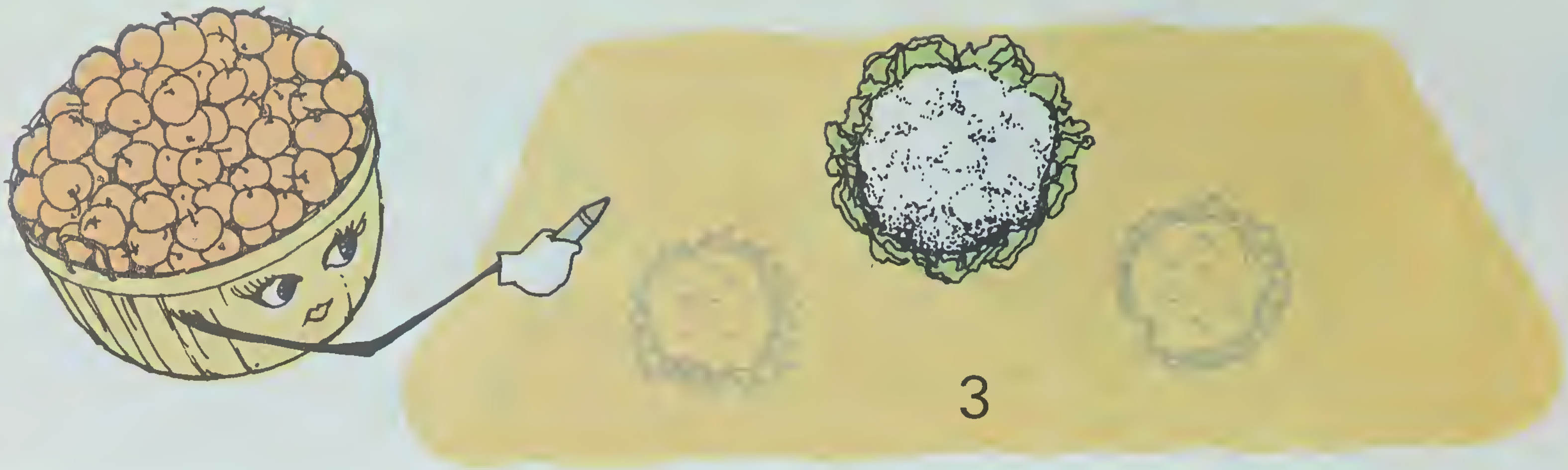
2 3 4



7 8 9

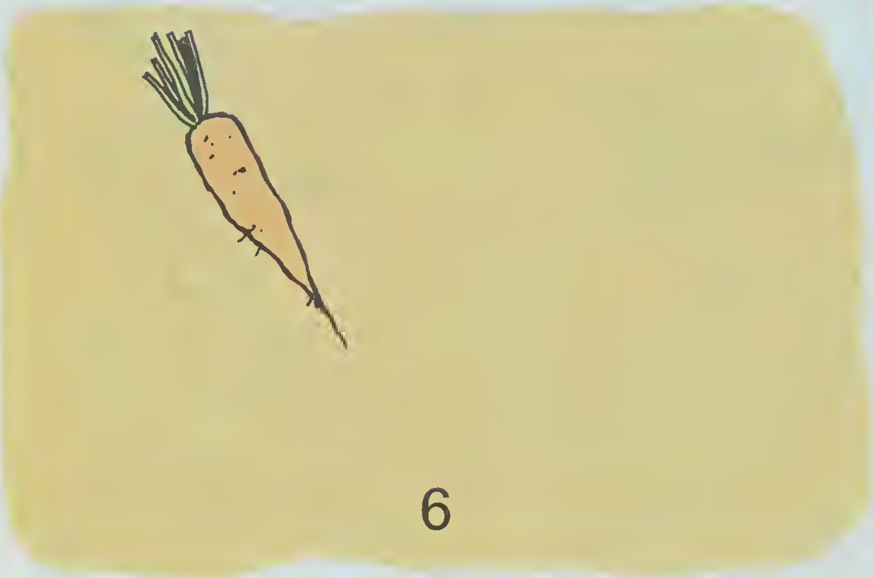


1 2 3

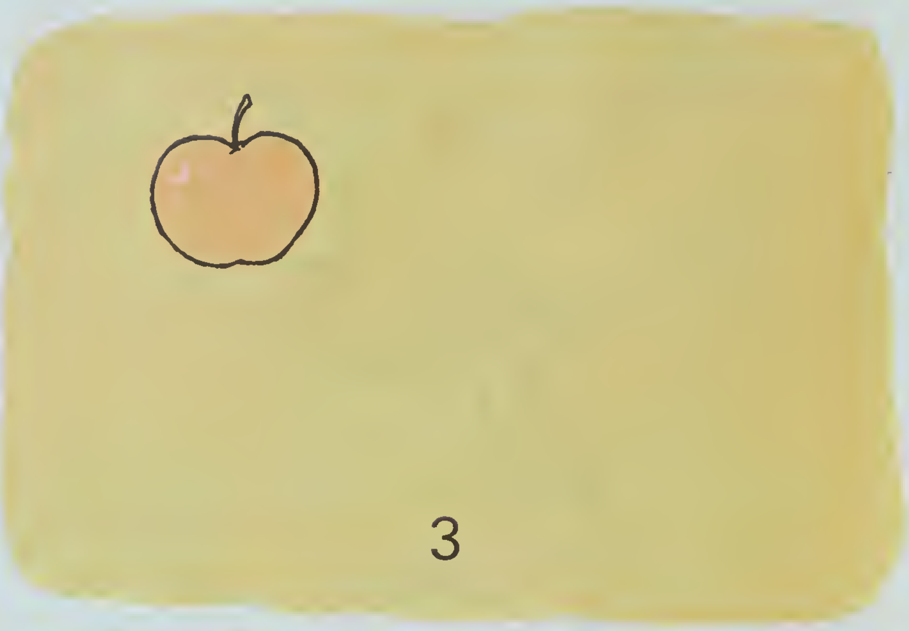


3

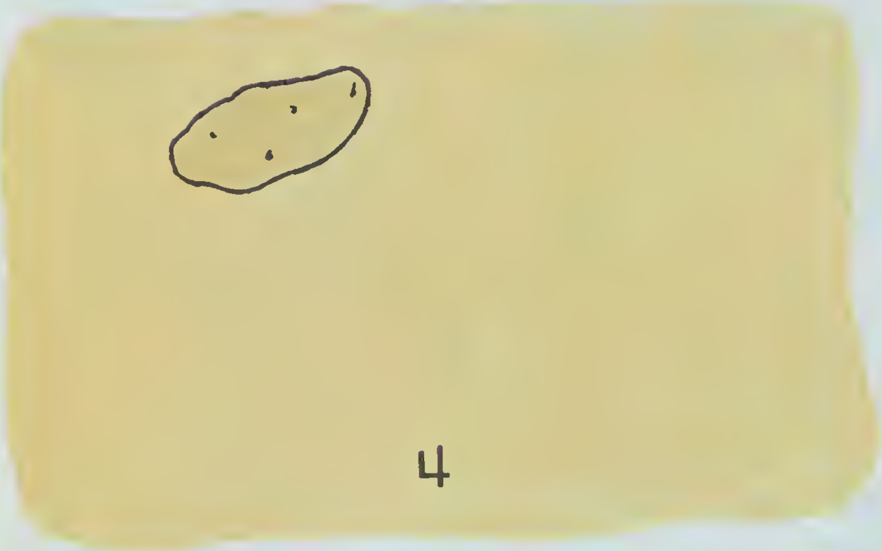
Draw sets.



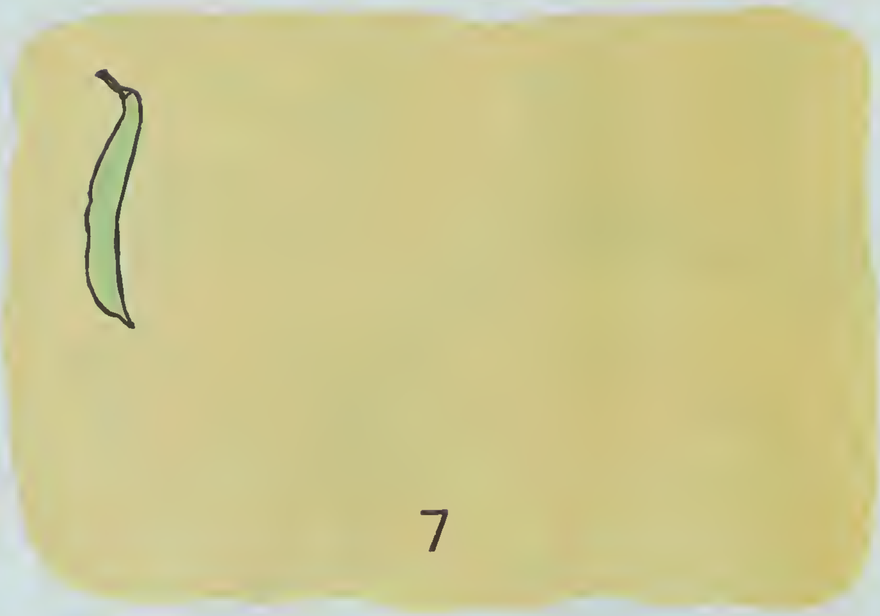
6



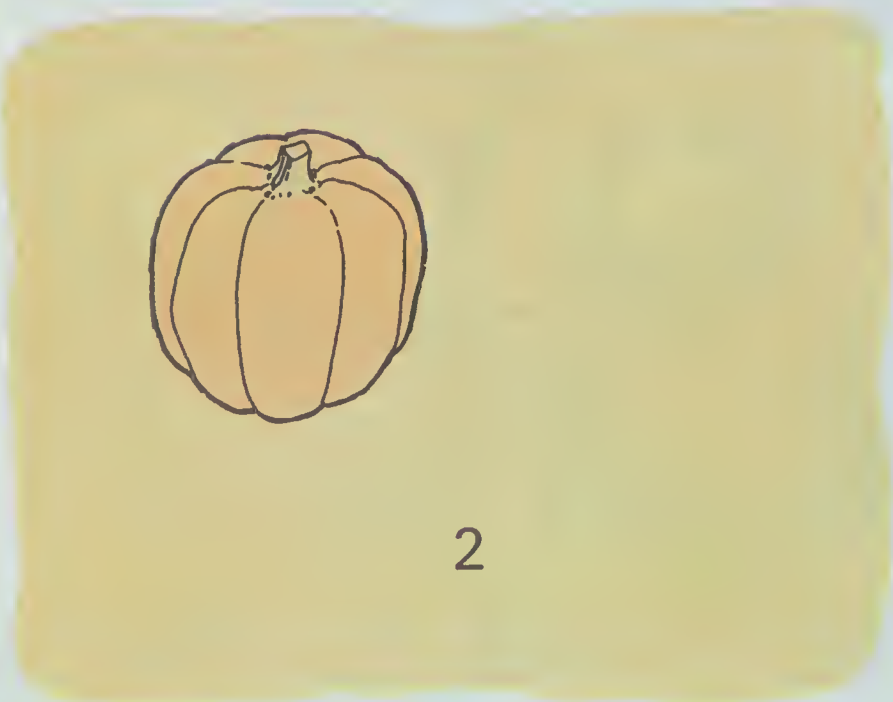
3



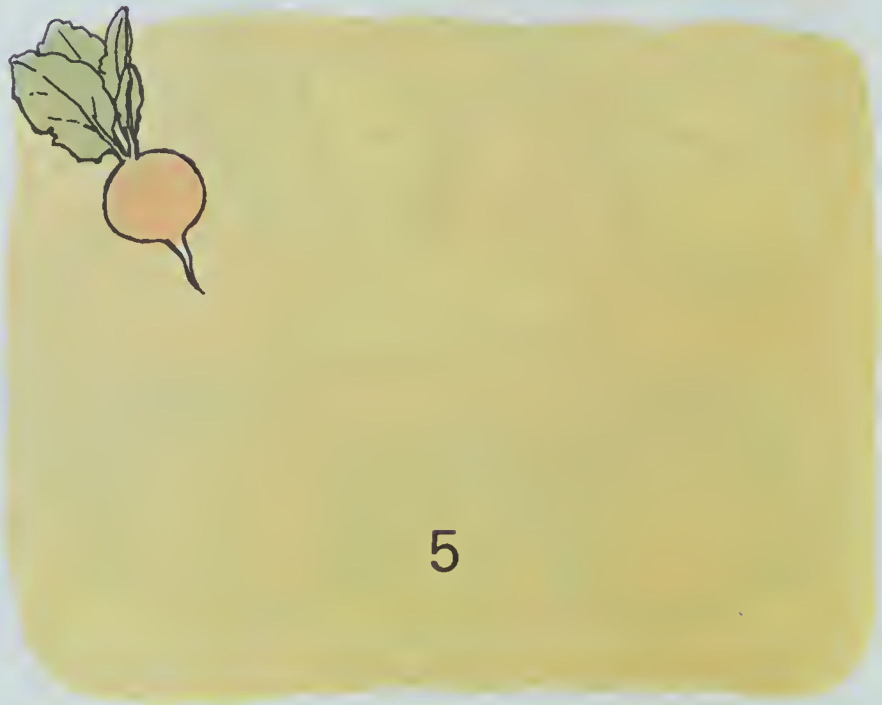
4



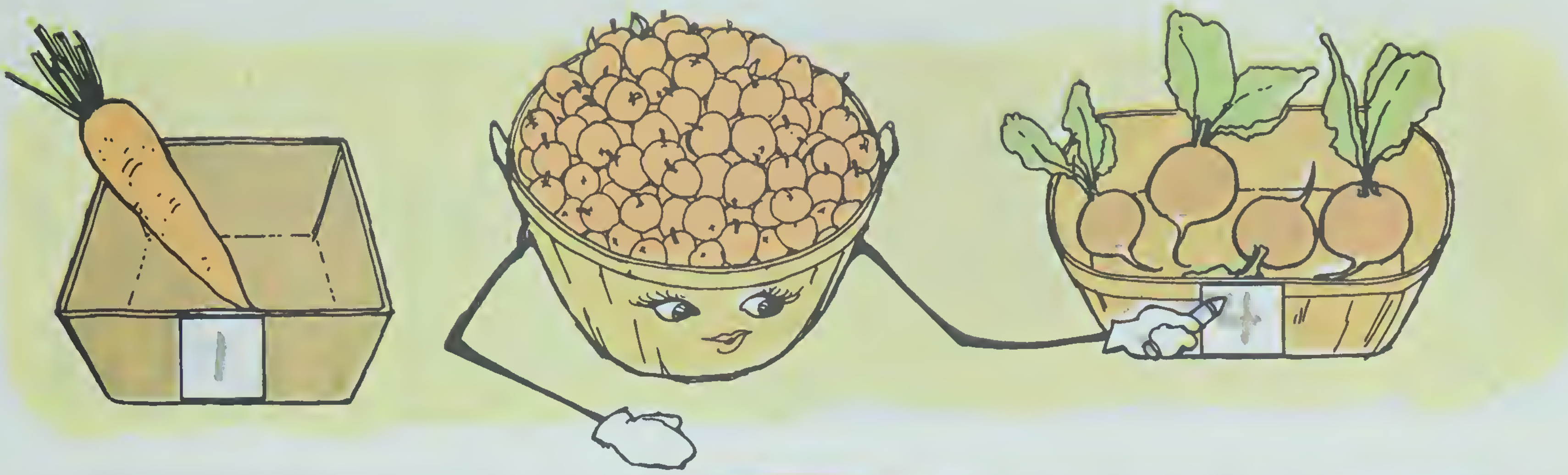
7



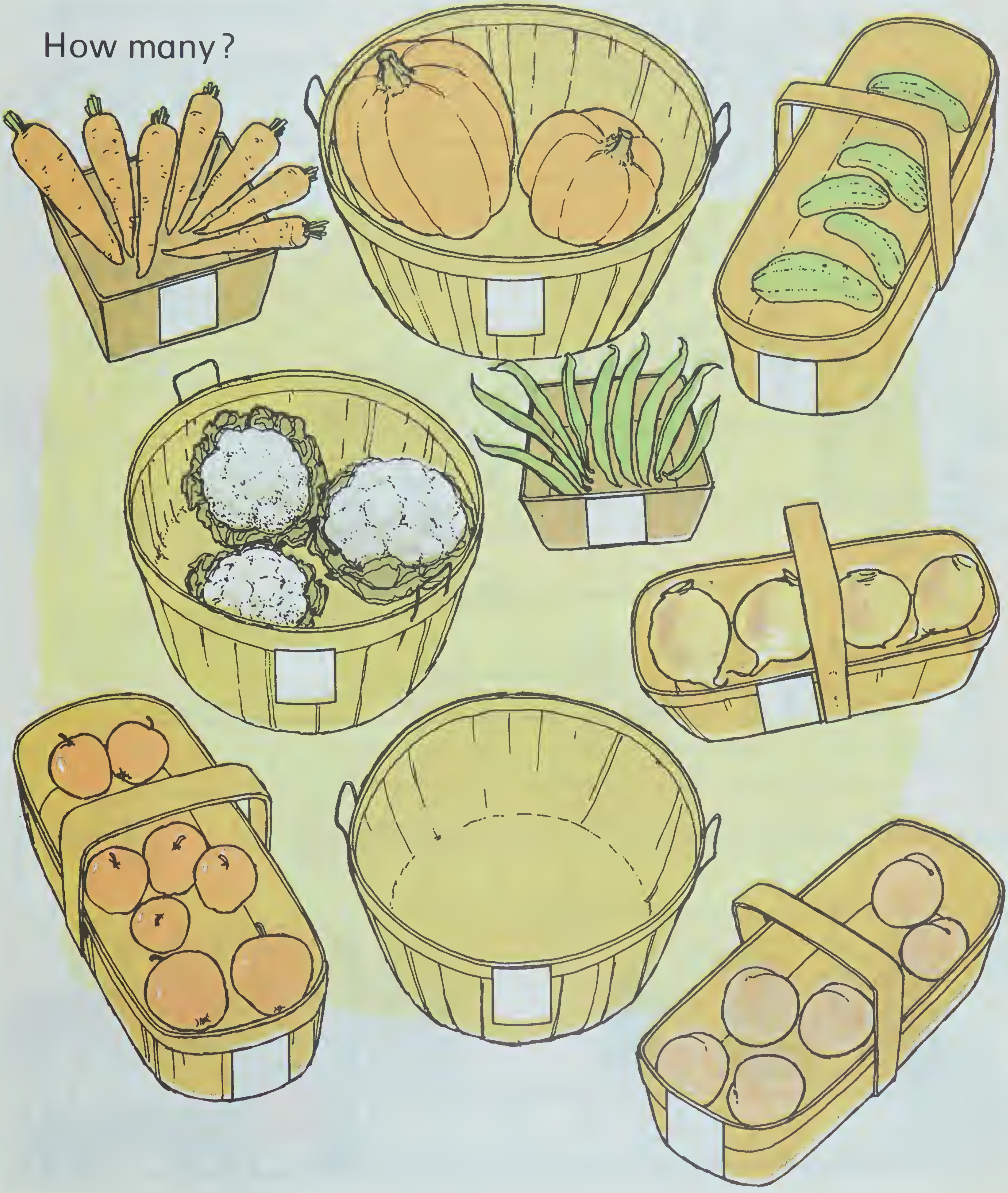
2

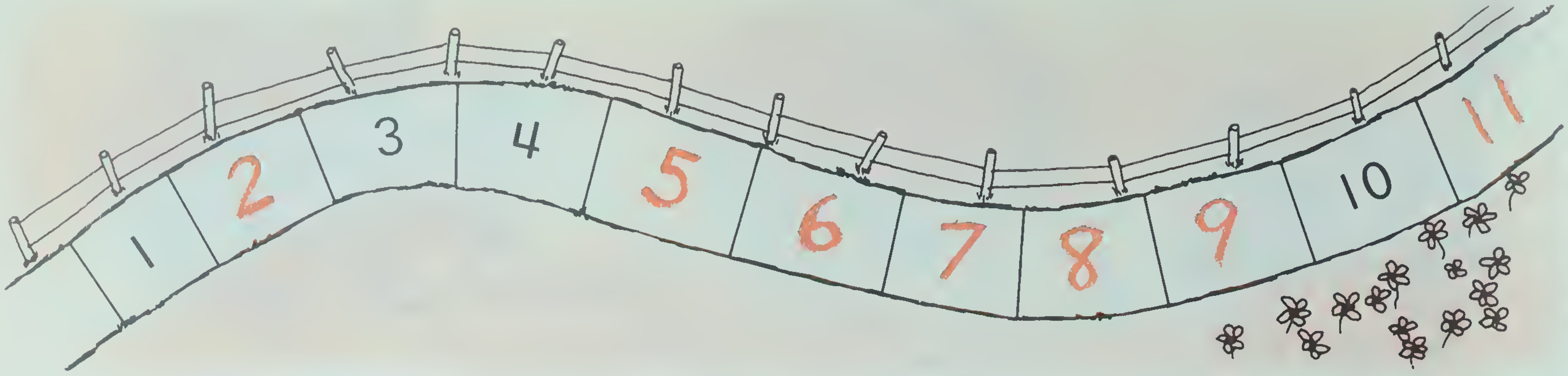


5

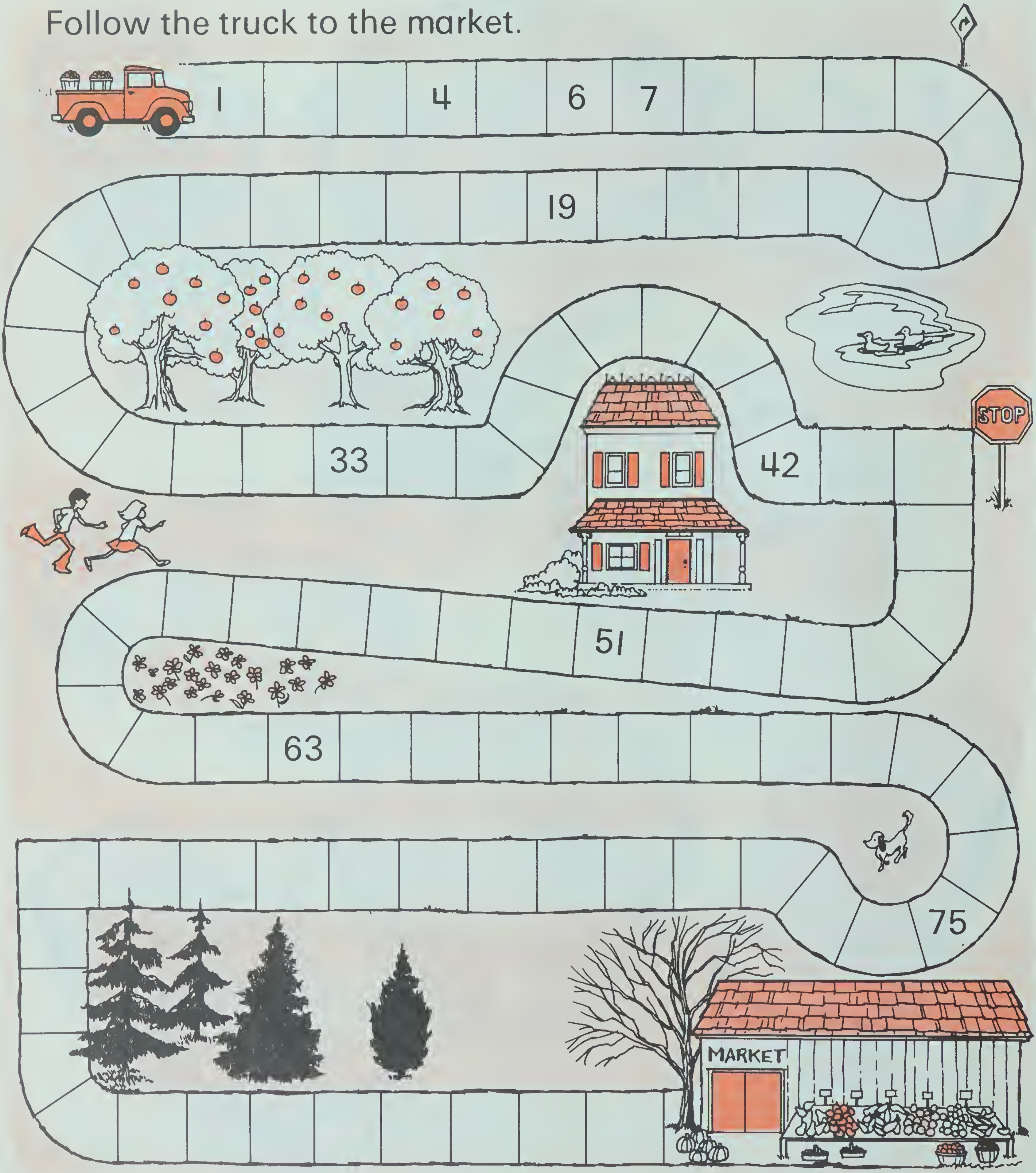


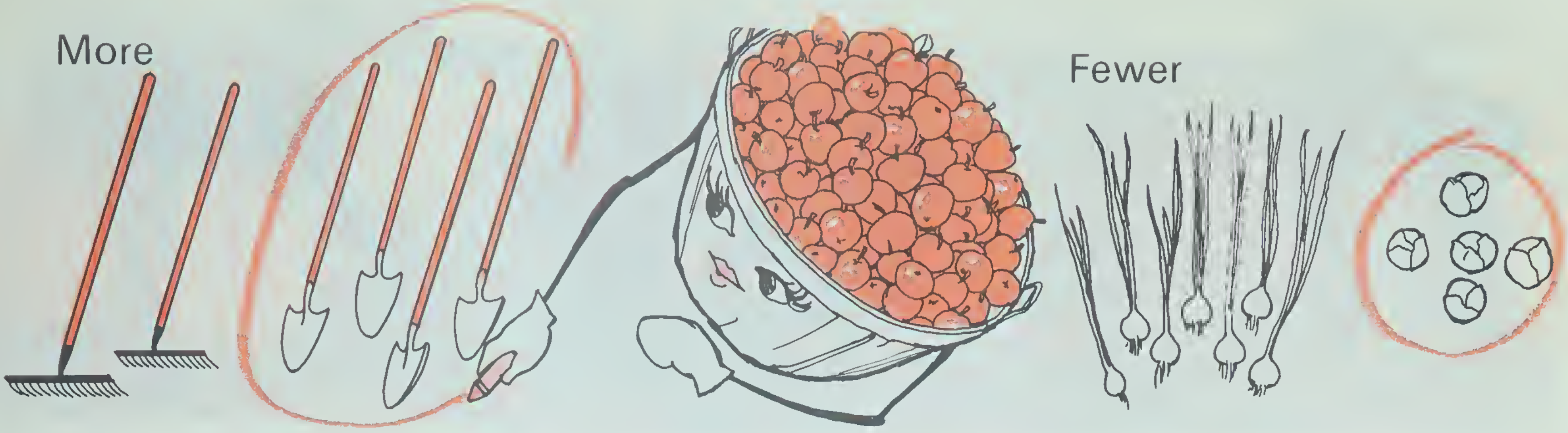
How many?



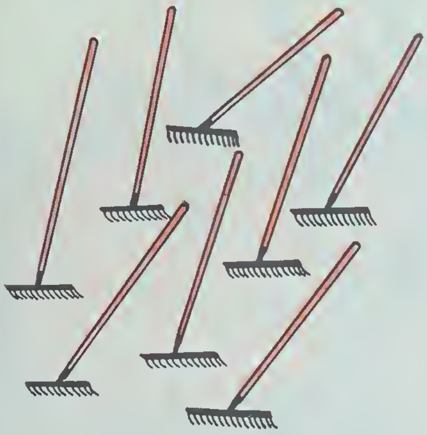

1
2
3
4
5
6
7
8
9
10
11

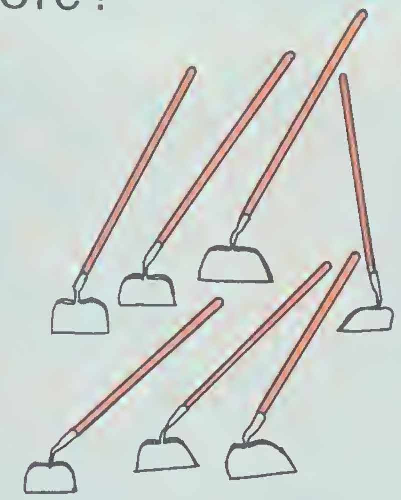
Follow the truck to the market.

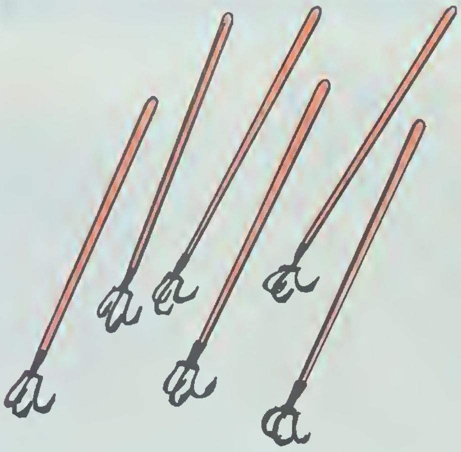

1
4
6
7
19
33
42
STOP
51
63
75
MARKET

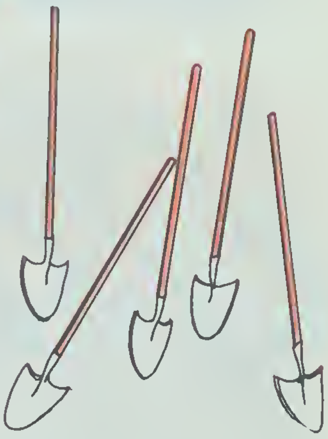


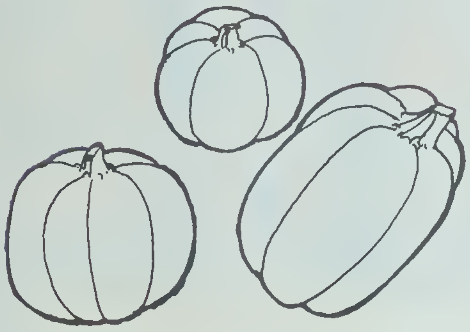
Which has more?

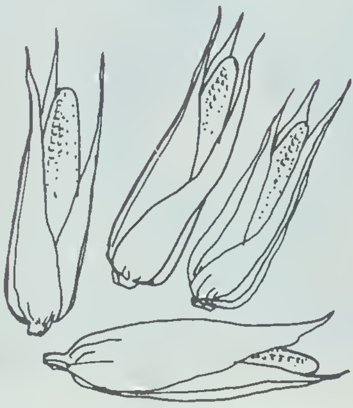


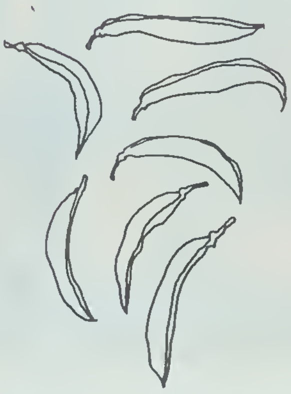


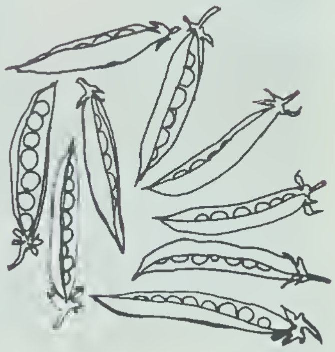




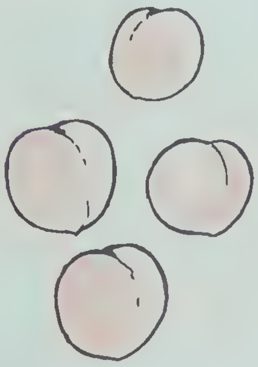


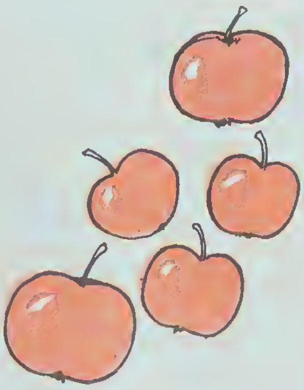


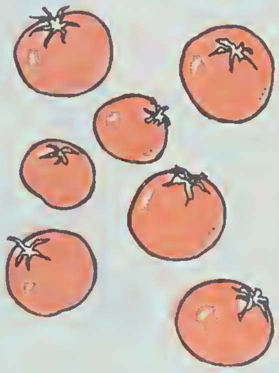


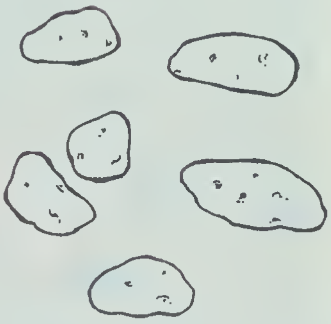


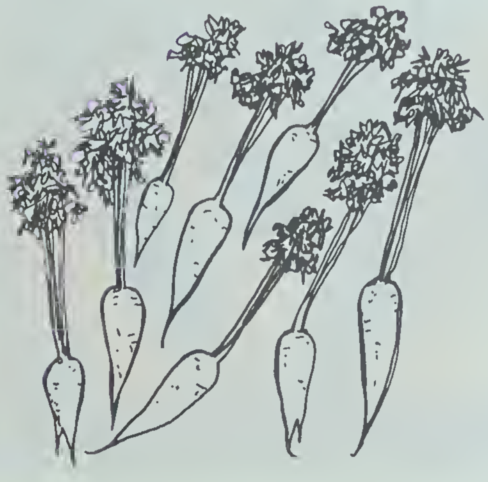
Which has fewer?

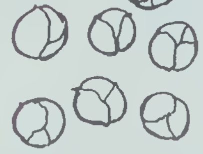


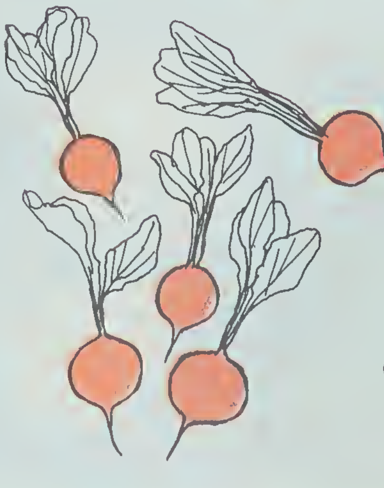


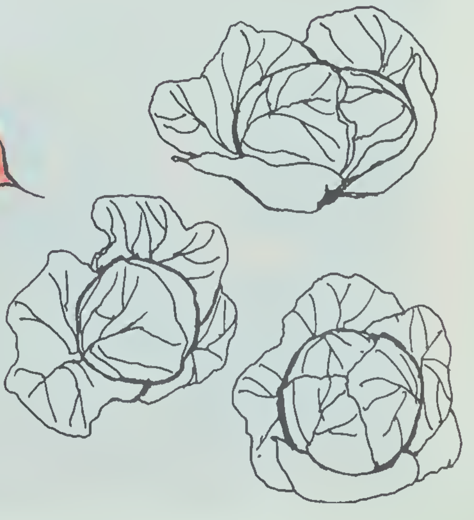






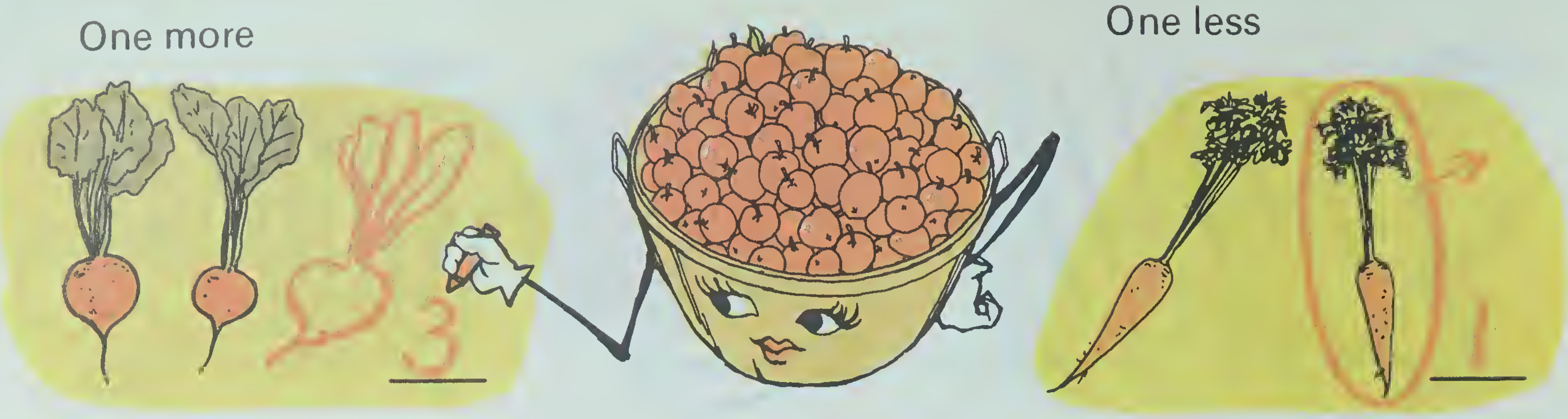




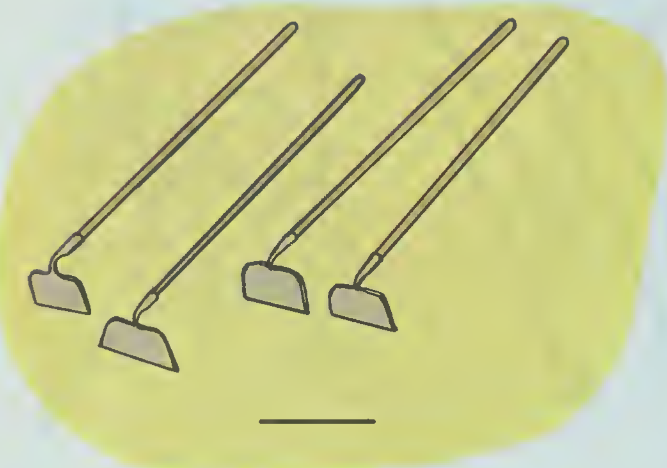


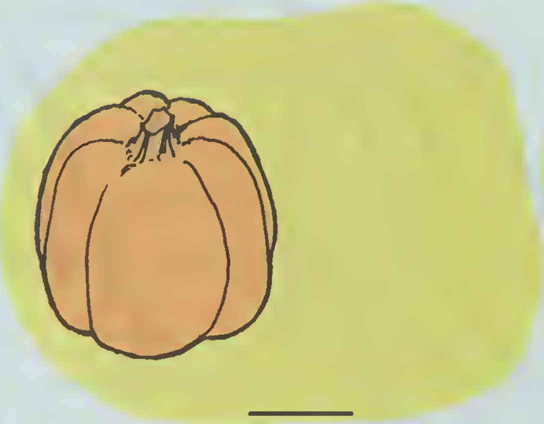
One more

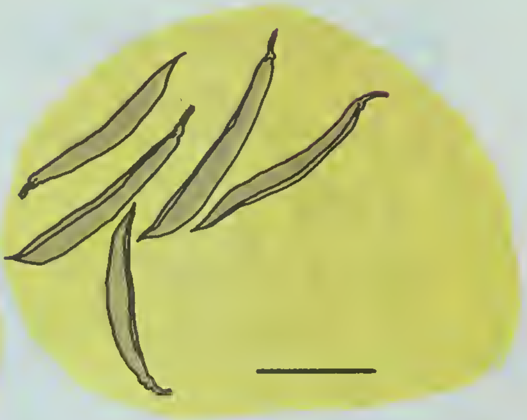
One less

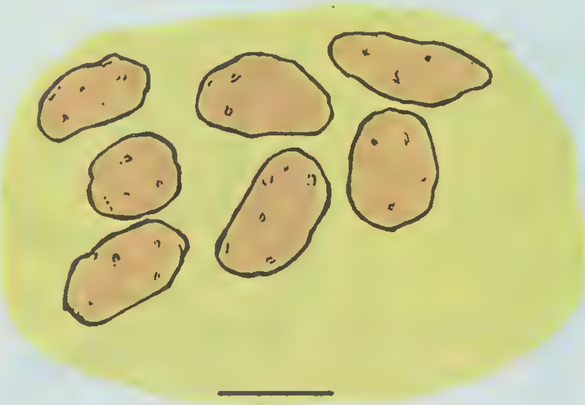


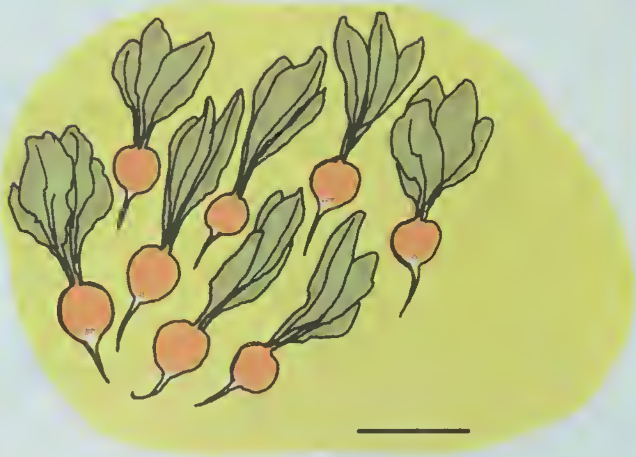
Draw one more and print the numeral.

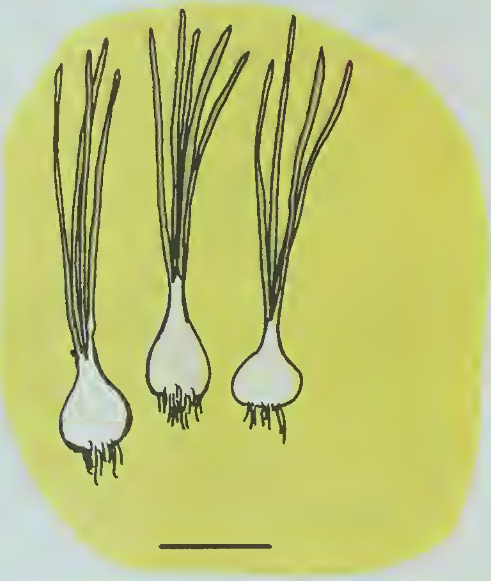




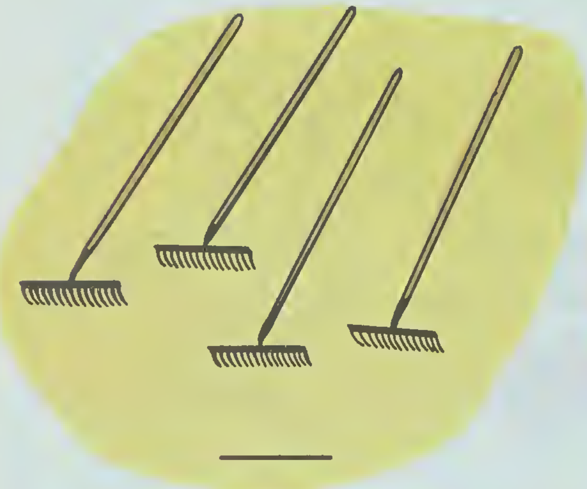


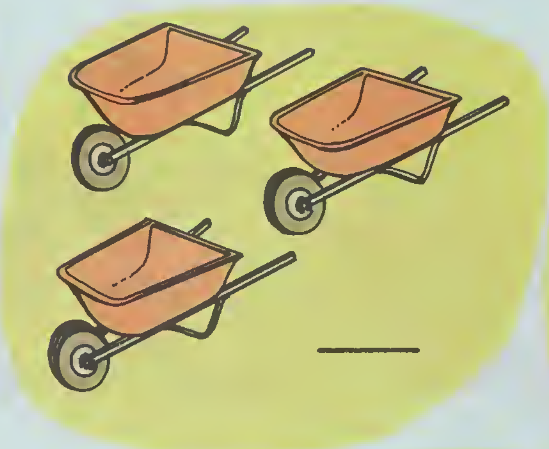


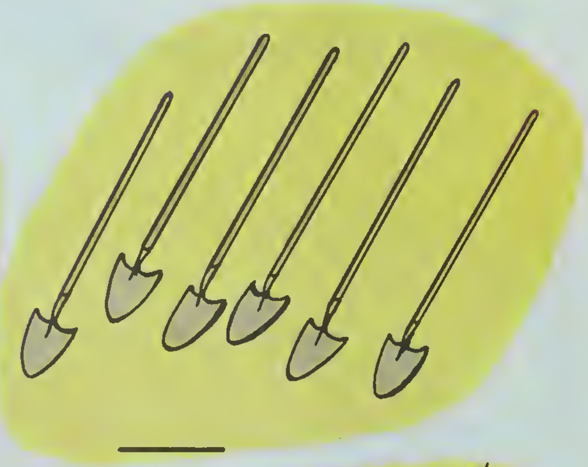


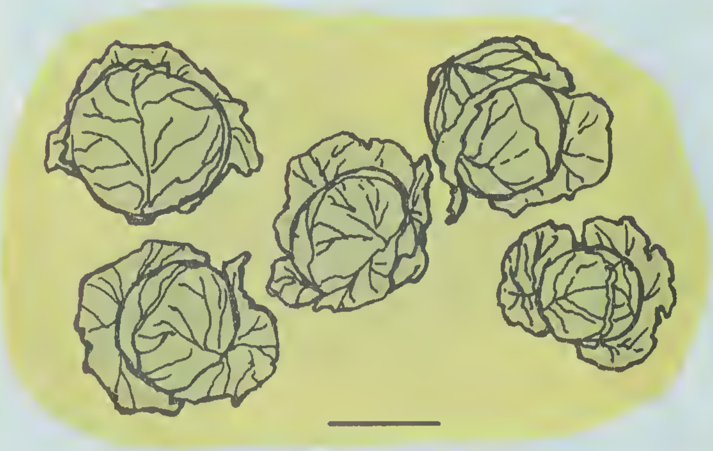


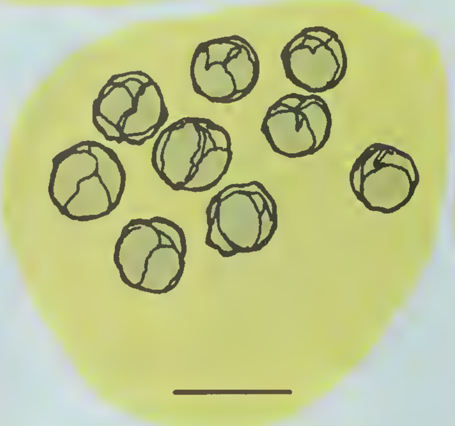
Show one less and print the numeral.

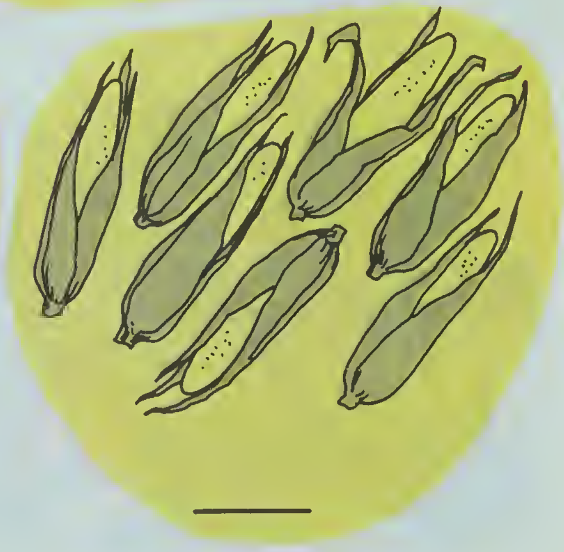


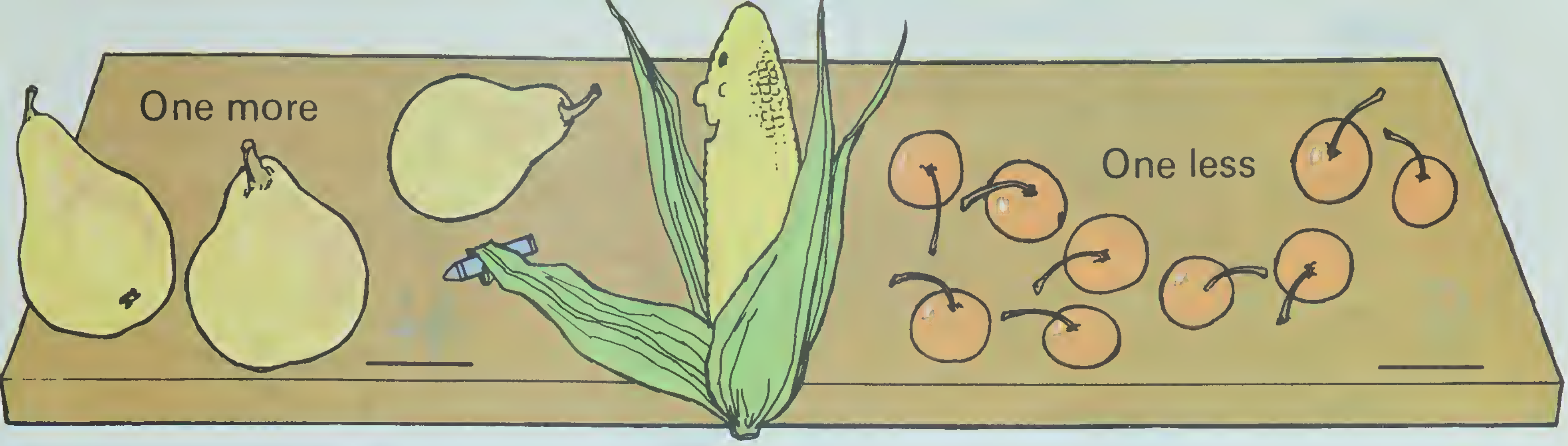




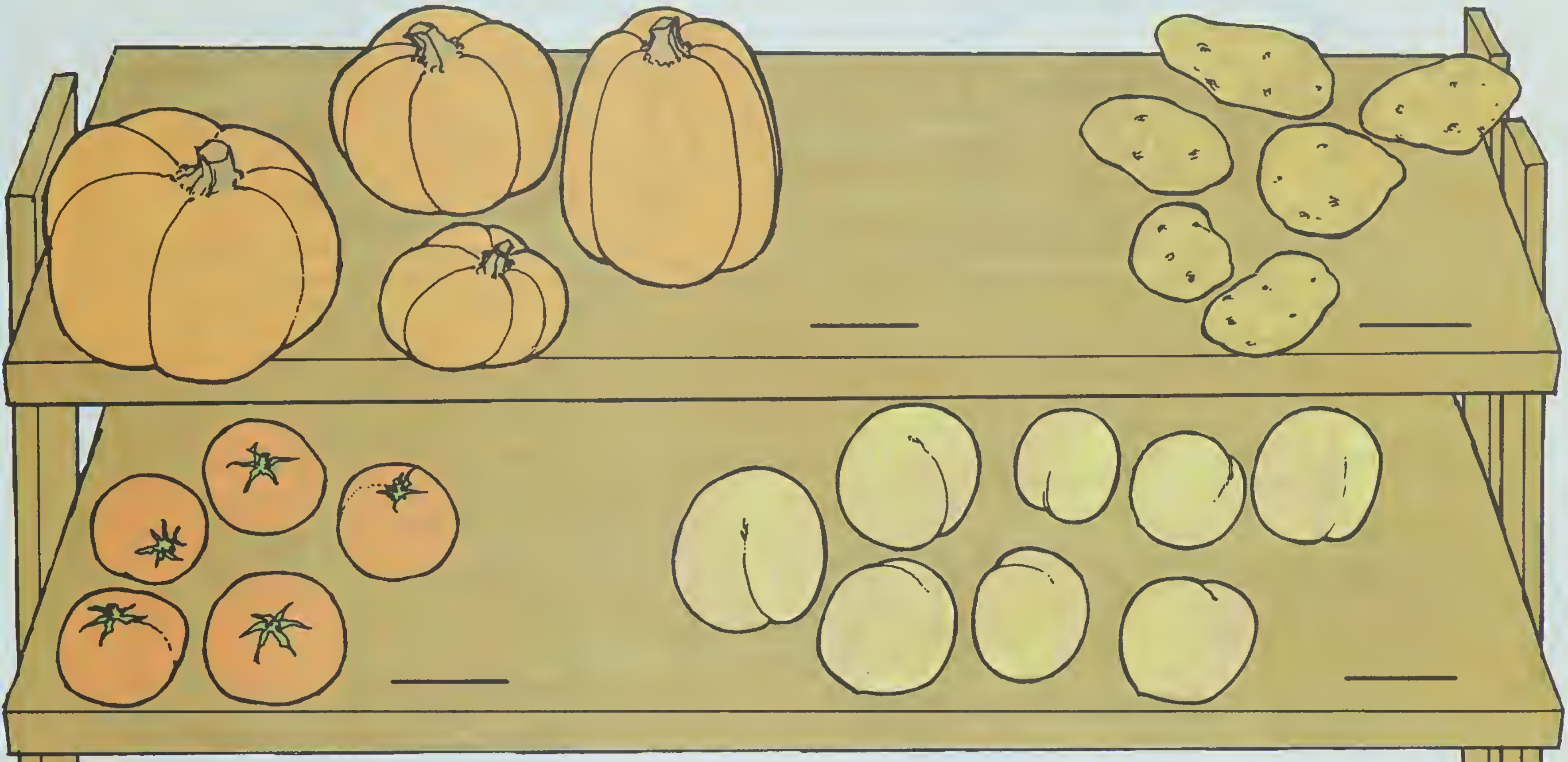




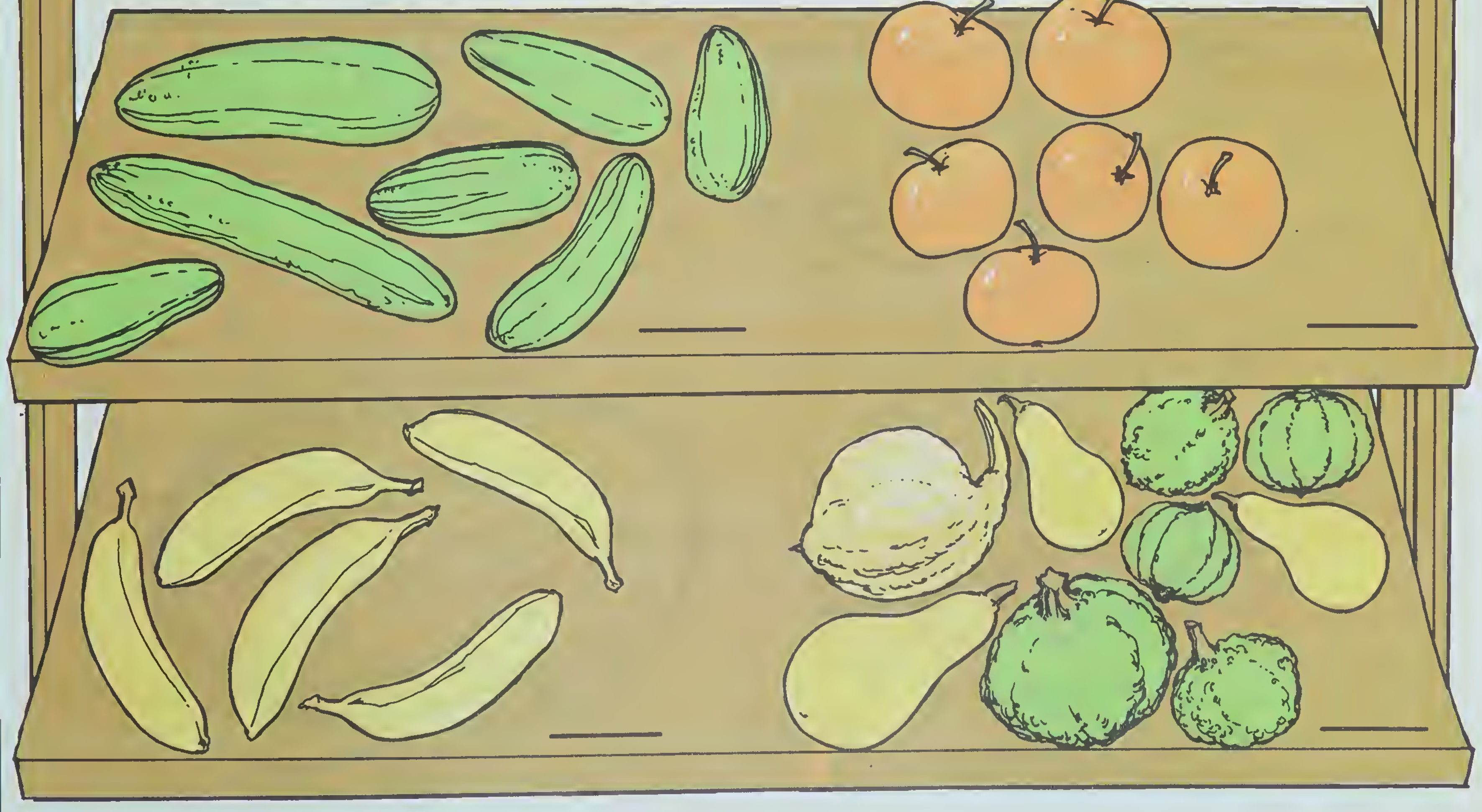


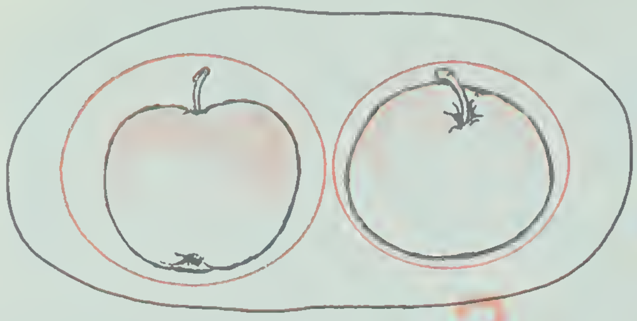

One more
One less

What numeral tells one more?

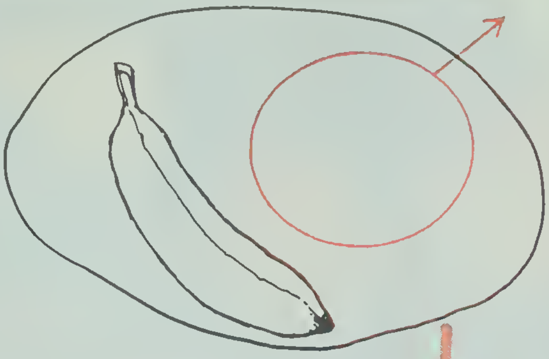


What numeral tells one less?



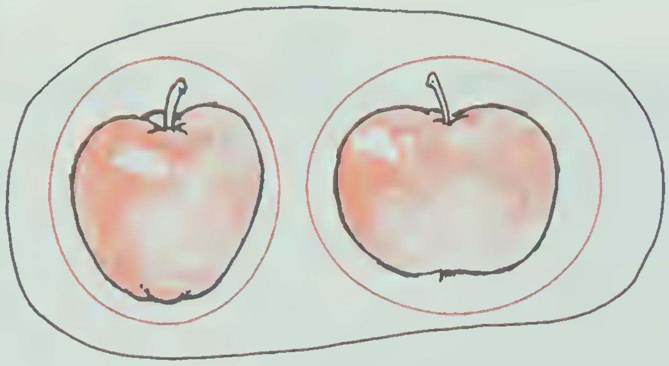


$1 + 1 = \underline{2}$

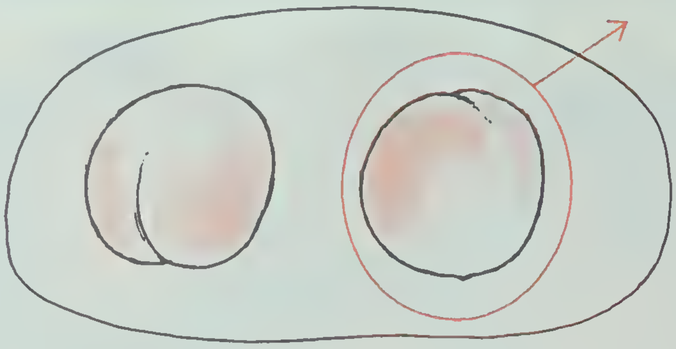


$1 - 0 = \underline{1}$

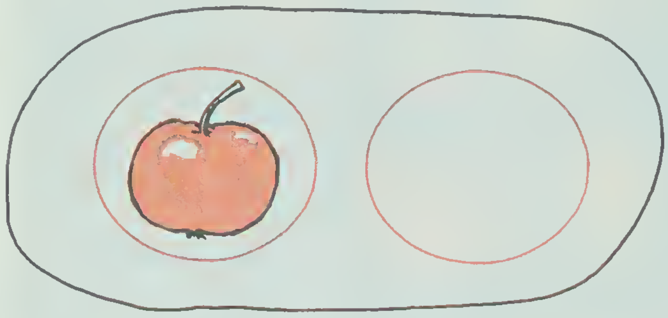
Complete.



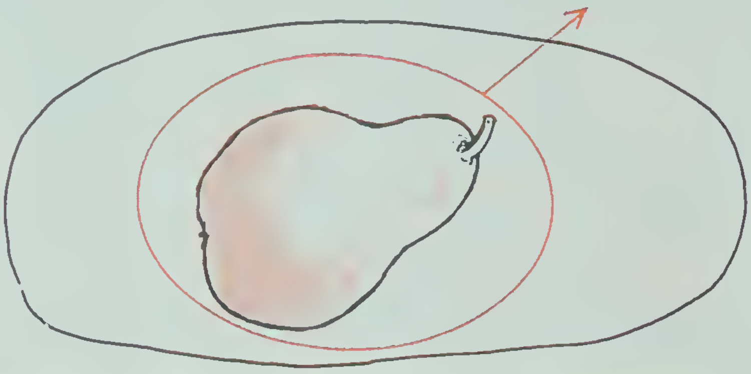
$1 + 1 = \underline{\quad}$



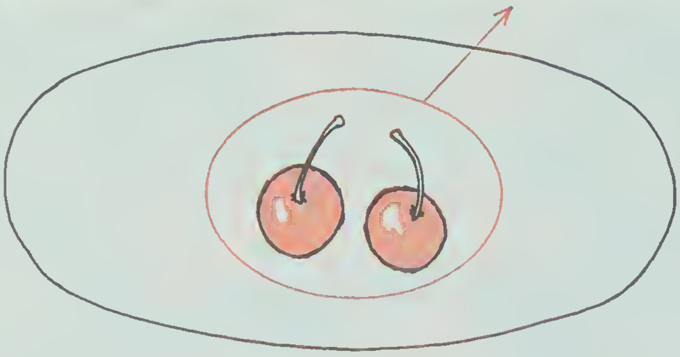
$2 - 1 = \underline{\quad}$



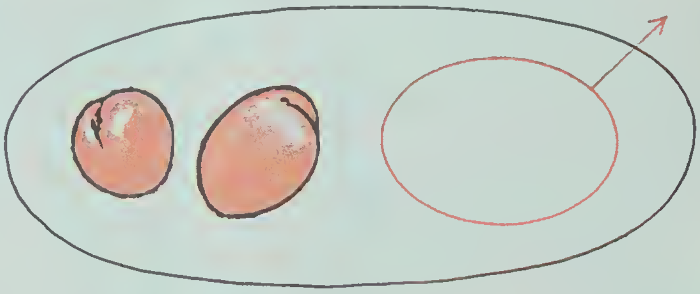
$1 + 0 = \underline{\quad}$



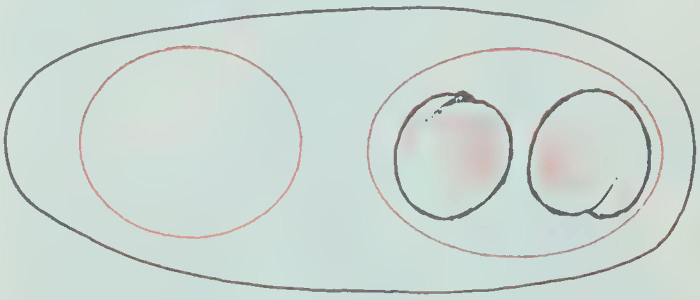
$1 - 1 = \underline{\quad}$



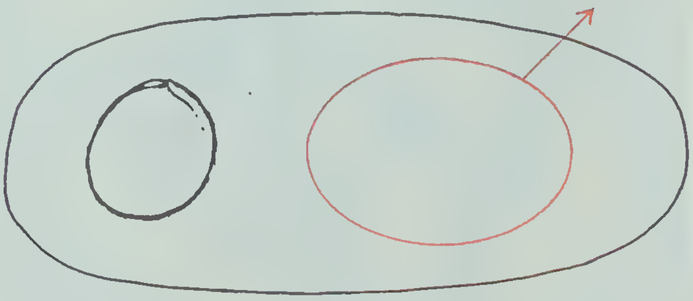
$2 - 2 = \underline{\quad}$



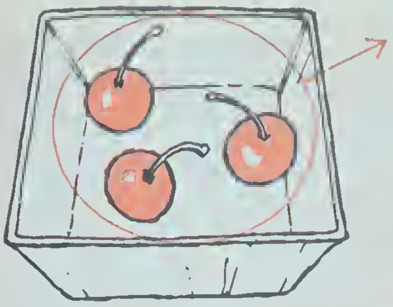
$2 - 0 = \underline{\quad}$

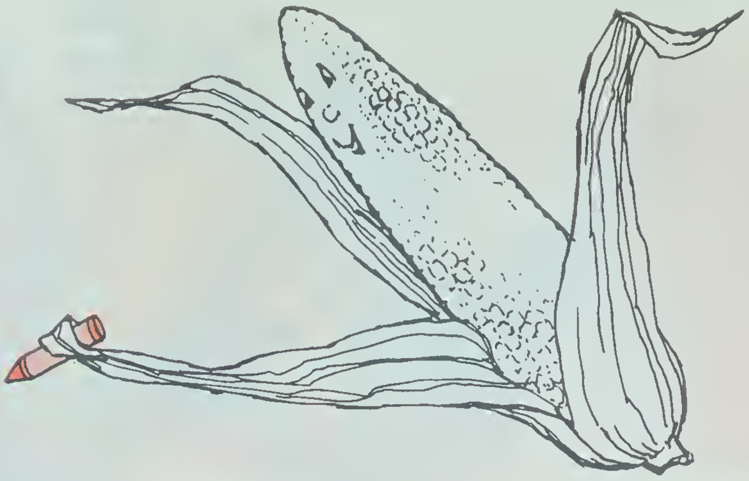


$0 + 2 = \underline{\quad}$



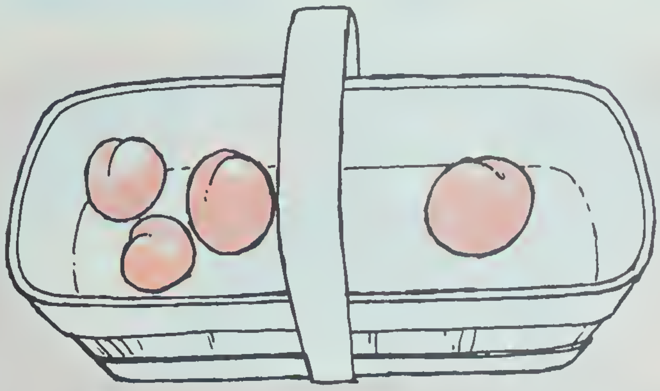
$1 - 0 = \underline{\quad}$



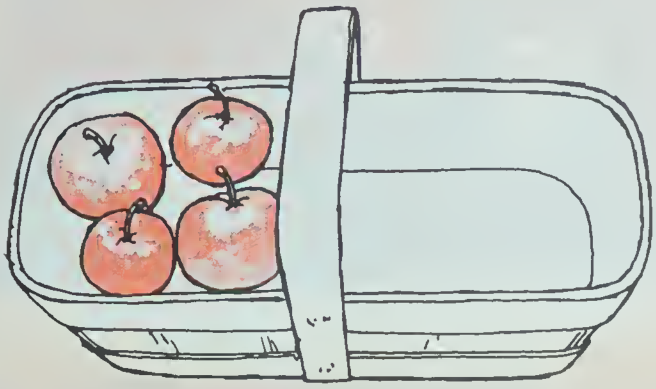


3 – 3 = 0

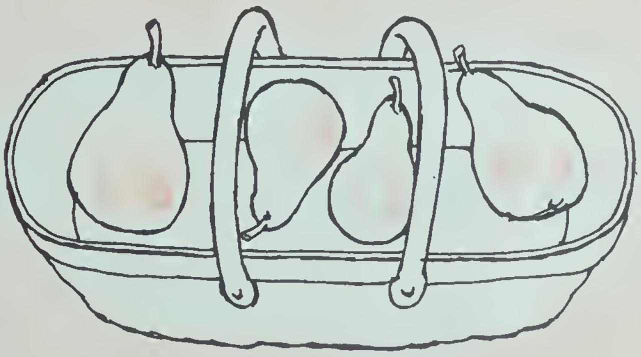
Print the sentences.



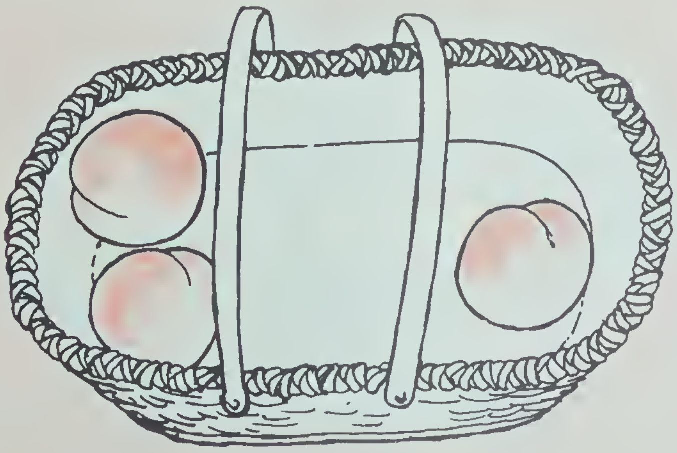
___ + ___ = ___



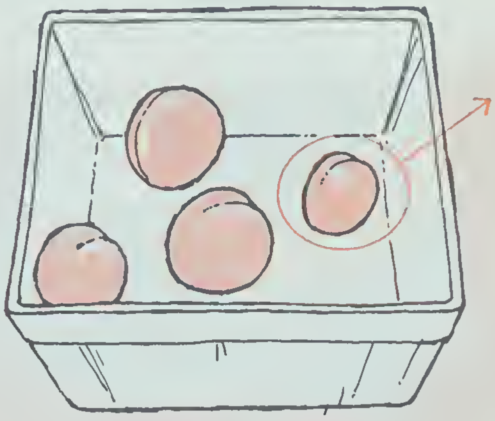
___ + ___ = ___



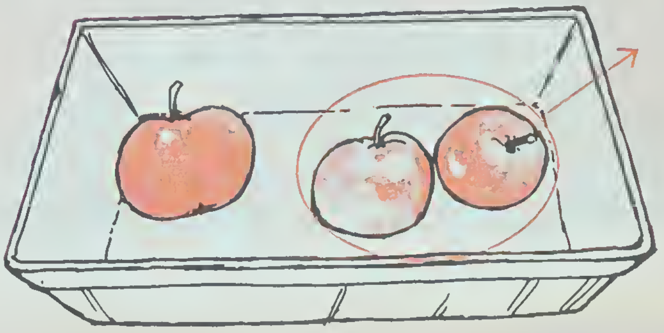
___ + ___ + ___ = ___



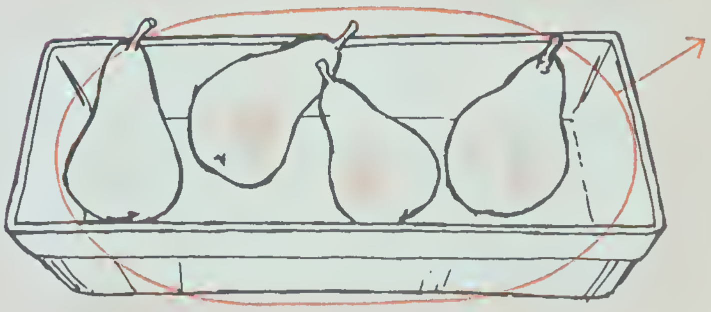
___ + ___ + ___ = ___



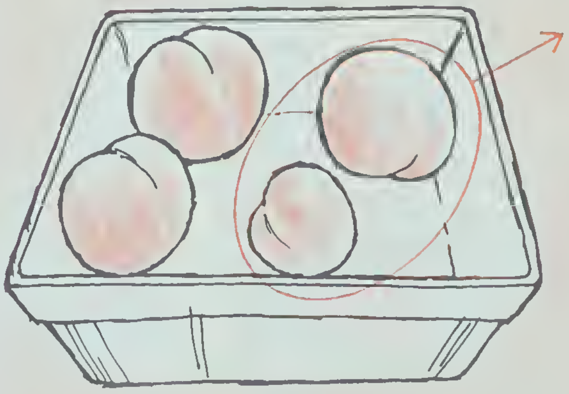
___ – ___ = ___



___ – ___ = ___



___ – ___ = ___



___ – ___ = ___

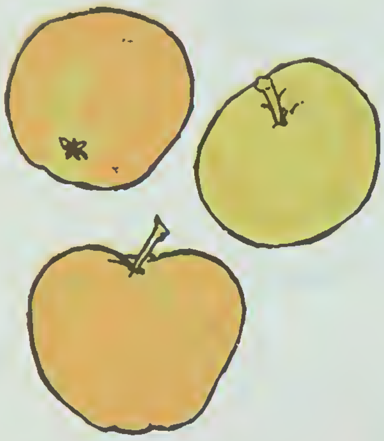
$$\begin{array}{r}2\\0\\1\\\hline 3\end{array}$$

3 + 0 = 3

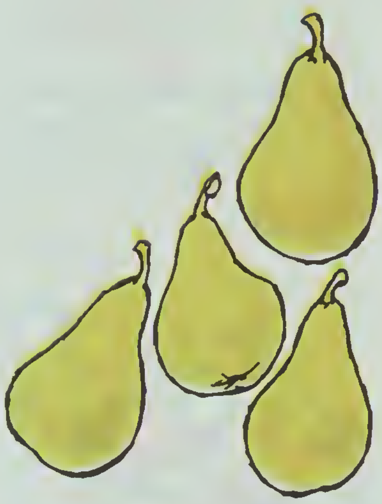
3 − 0 = 3

zero	one	two	three	four
____	____	____	____	____

Add.



$$\begin{array}{r}2\\1\\1\\\hline\end{array}\quad\begin{array}{r}1\\2\\1\\\hline\end{array}\quad\begin{array}{r}1\\1\\1\\\hline\end{array}\quad\begin{array}{r}2\\0\\2\\\hline\end{array}\quad\begin{array}{r}1\\0\\2\\\hline\end{array}\quad\begin{array}{r}1\\1\\2\\\hline\end{array}$$



Complete.

2 + 1 = ____

0 + 3 = ____

2 + 2 = ____

1 + 2 = ____

1 + 3 = ____

0 + 4 = ____

3 − 1 = ____

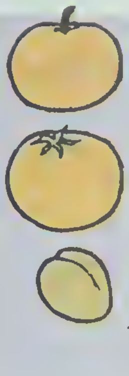
3 − 3 = ____

4 − 2 = ____

3 − 2 = ____

4 − 3 = ____

4 − 4 = ____



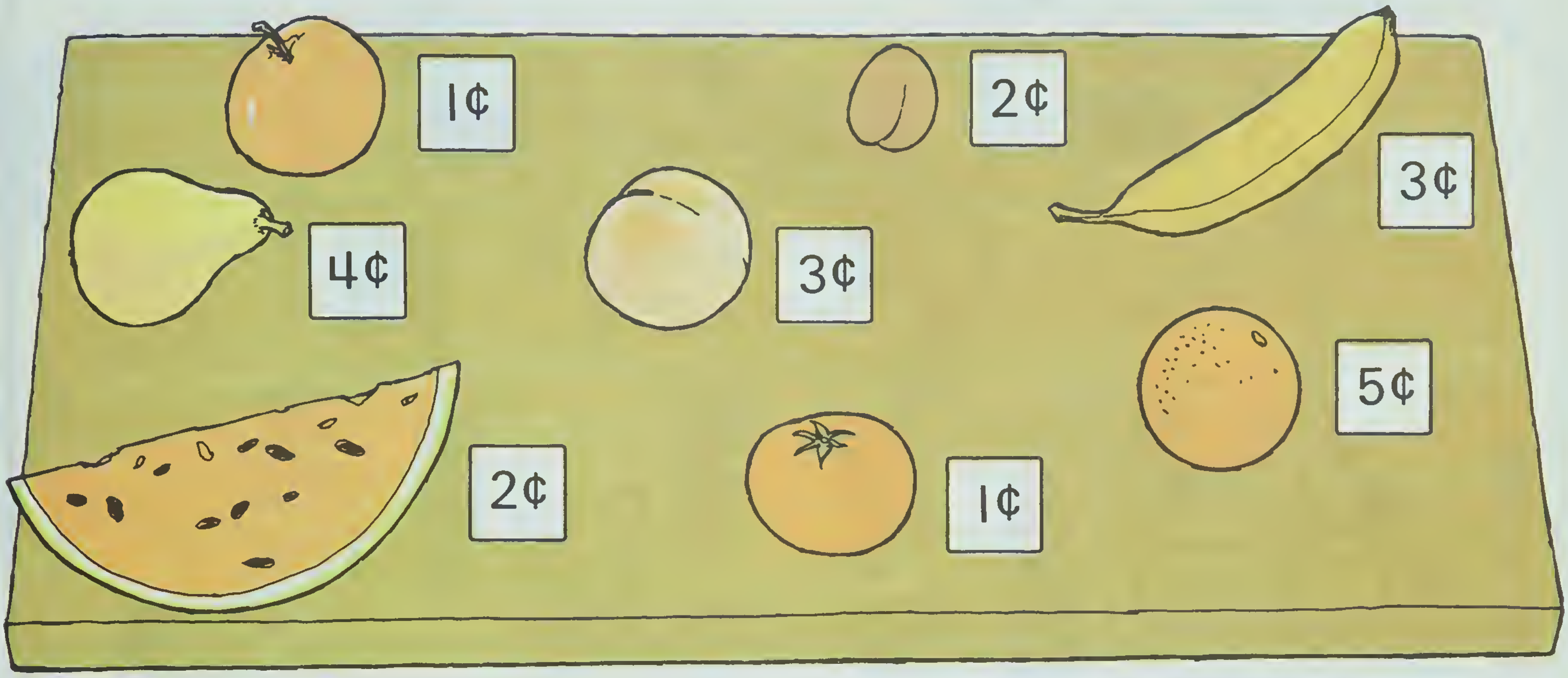
1 ¢

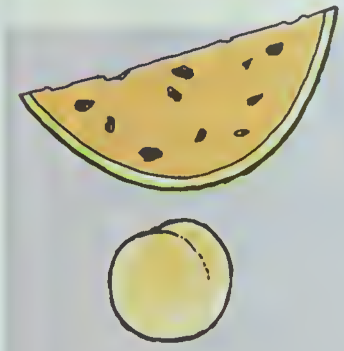
1 ¢

2 ¢

4 ¢

Shopping.

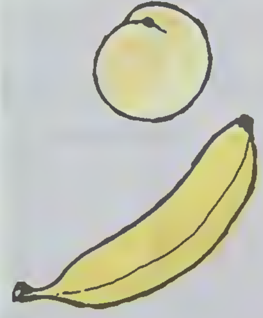




____ ¢

____ ¢

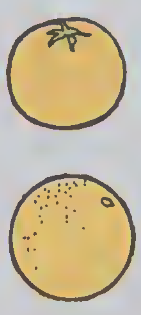
____ ¢



____ ¢

____ ¢

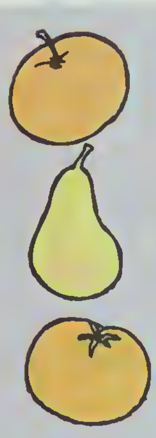
____ ¢



____ ¢

____ ¢

____ ¢

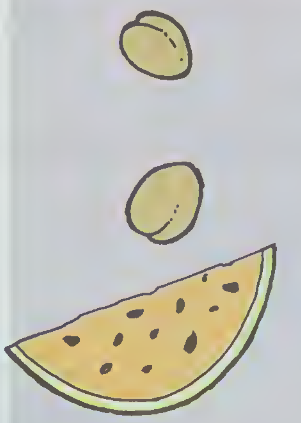


____ ¢

____ ¢

____ ¢

____ ¢

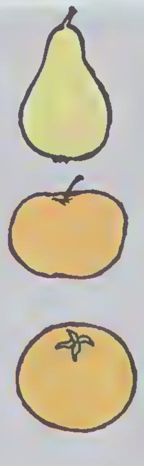


____ ¢

____ ¢

____ ¢

____ ¢

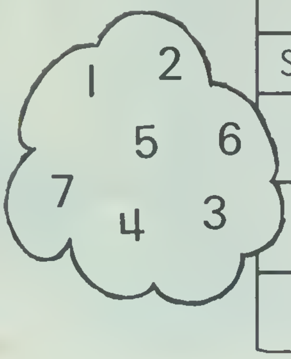


____ ¢

____ ¢

____ ¢

____ ¢



September 19

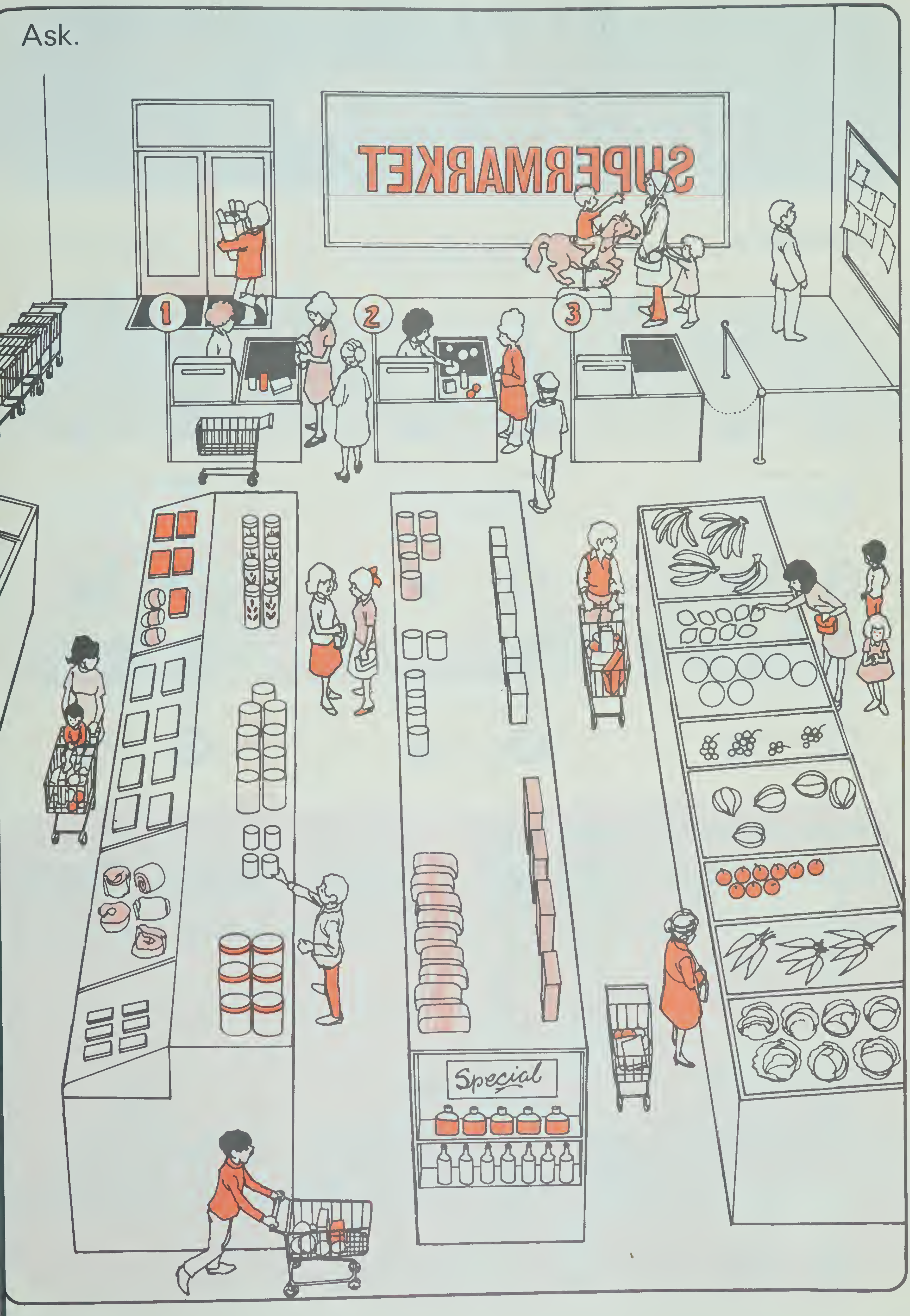
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.

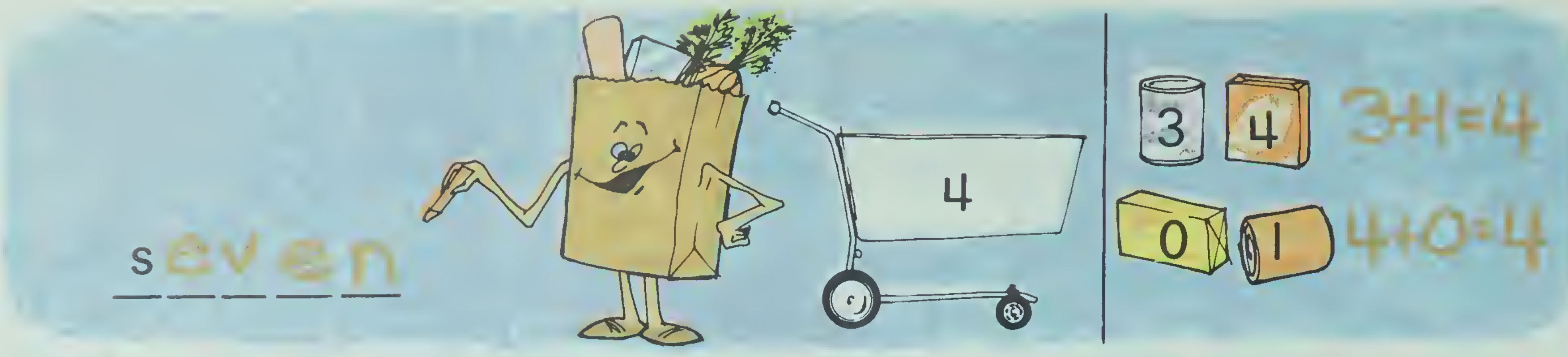
My calendar

September ____________

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

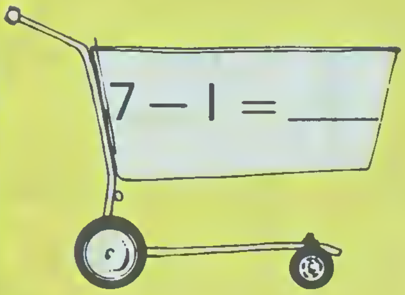
Ask.

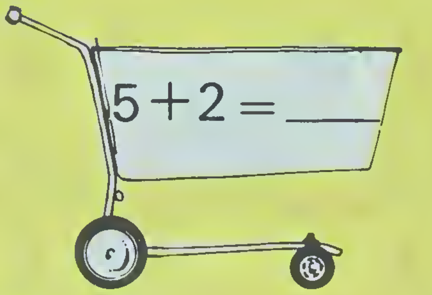

SUPERMARKET
1
2
3
Special

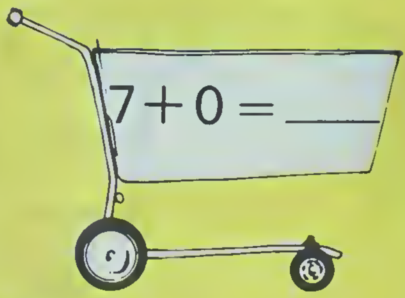

seven
4
3
4
3+1=4
0
1
4+0=4

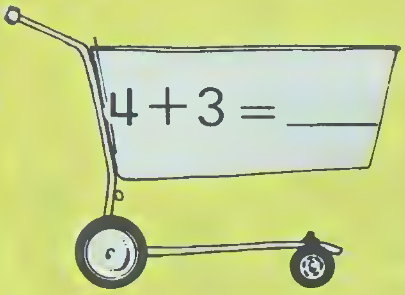
Complete.

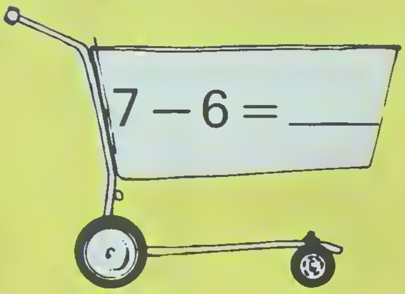
s __ v __ __

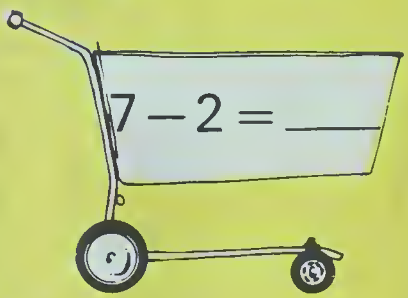

7 − 1 = ___

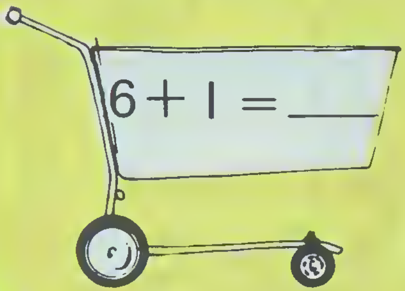

5 + 2 = ___

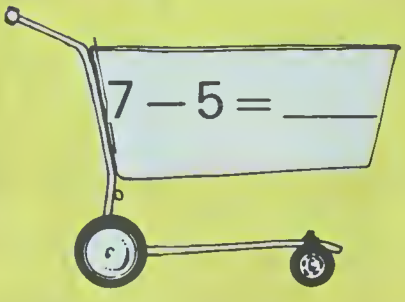

7 + 0 = ___

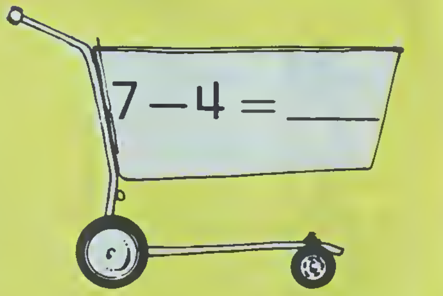

4 + 3 = ___


7 − 6 = ___

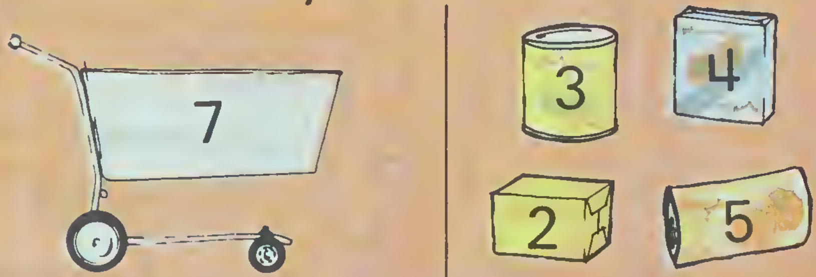

7 − 2 = ___

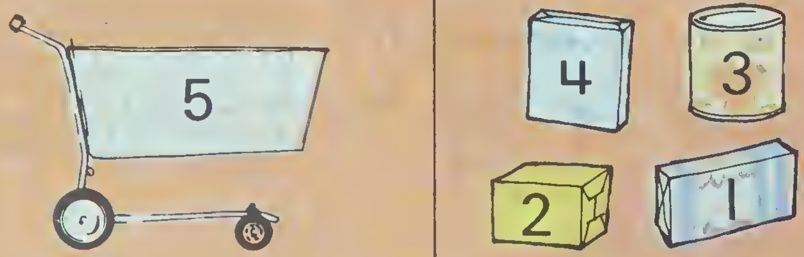

6 + 1 = ___

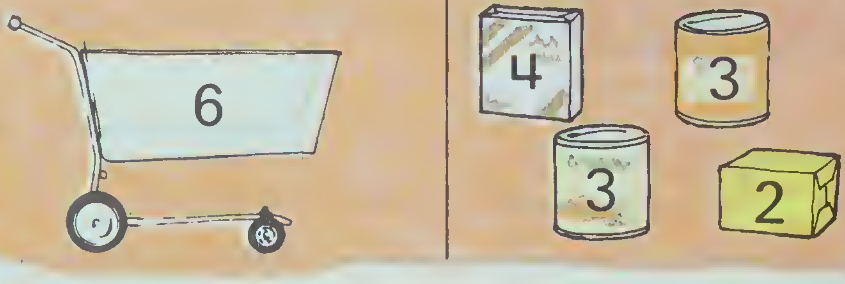

7 − 5 = ___

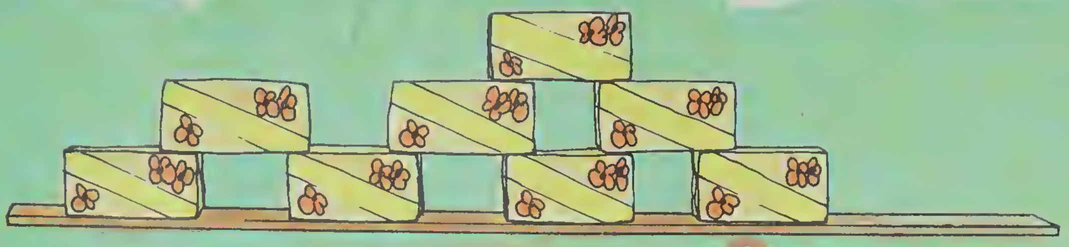

7 − 4 = ___

How can you fill the basket?





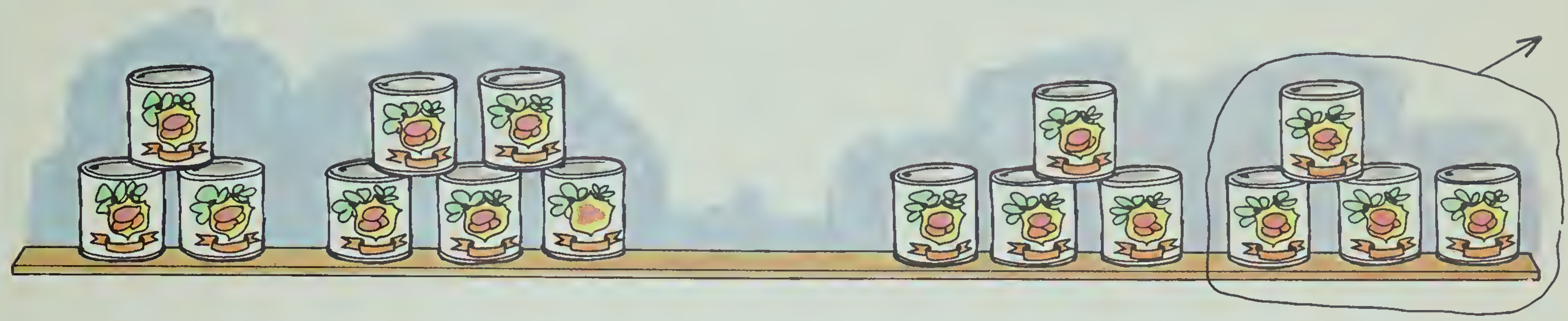




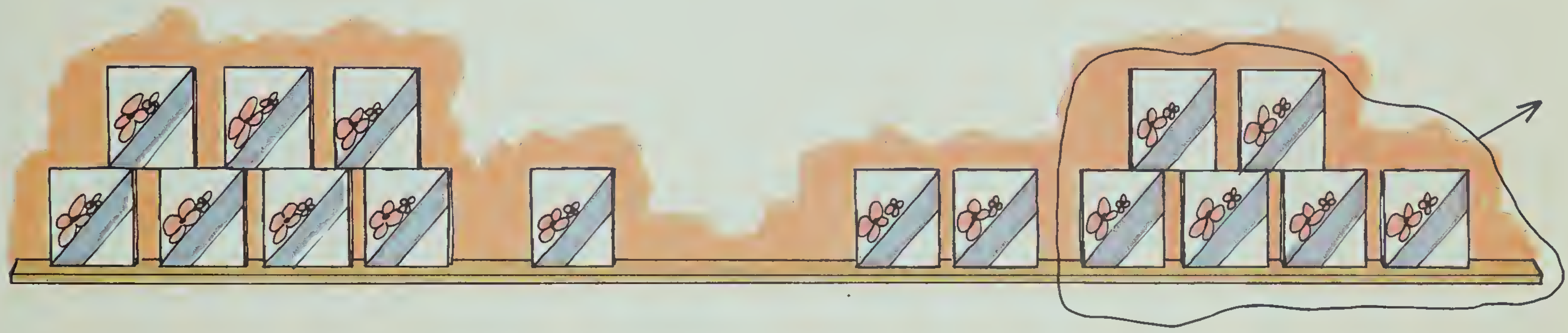
8 + 0 = 8

Complete.

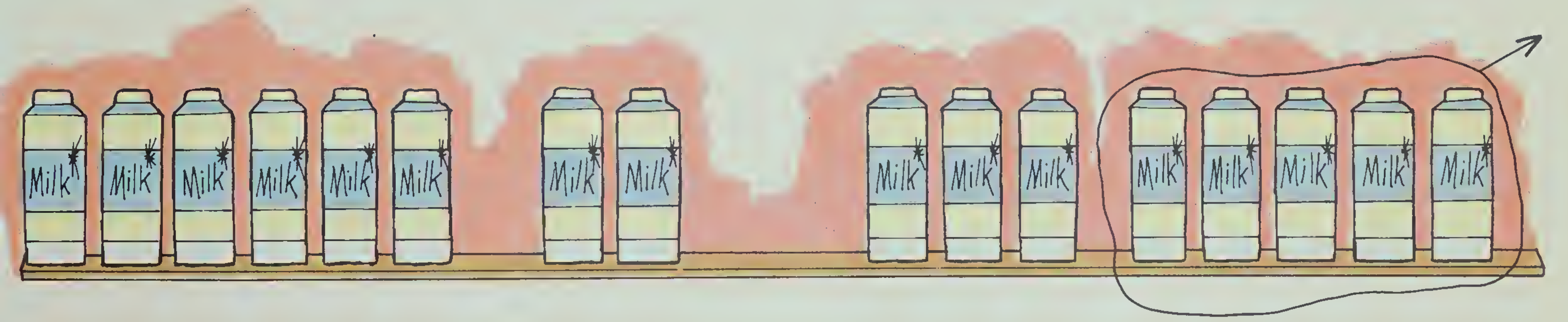
e__g__



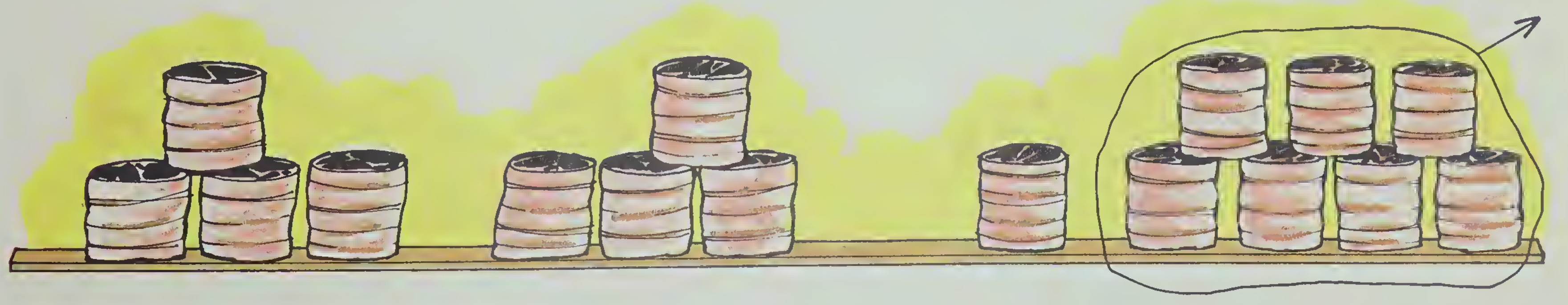
___ + ___ = ___   ___ − ___ = ___



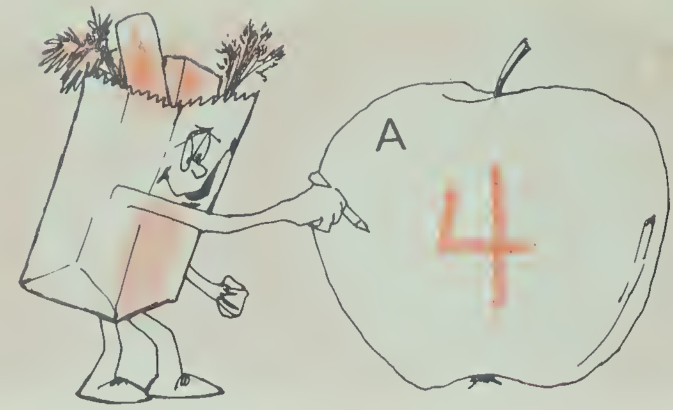
___ + ___ = ___   ___ − ___ = ___



___ + ___ = ___   ___ − ___ = ___

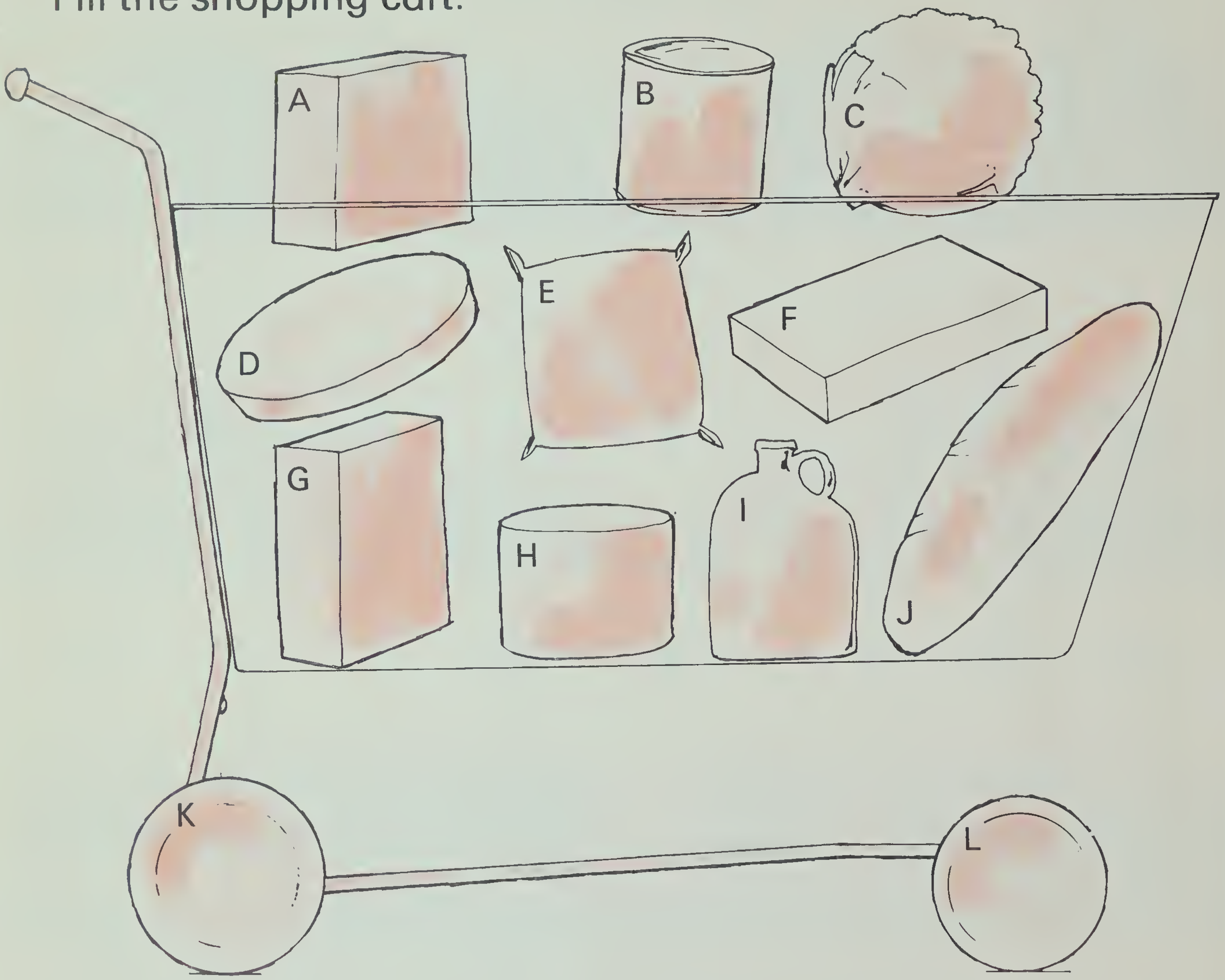


___ + ___ = ___   ___ − ___ = ___



A $2+2$

Fill the shopping cart.


A
B
C
D
E
F
G
H
I
J
K
L

A $0+8$

B $8-1$

C $1+7$

D $8-4$

E $7+1$

F $8-8$

G $8-2$

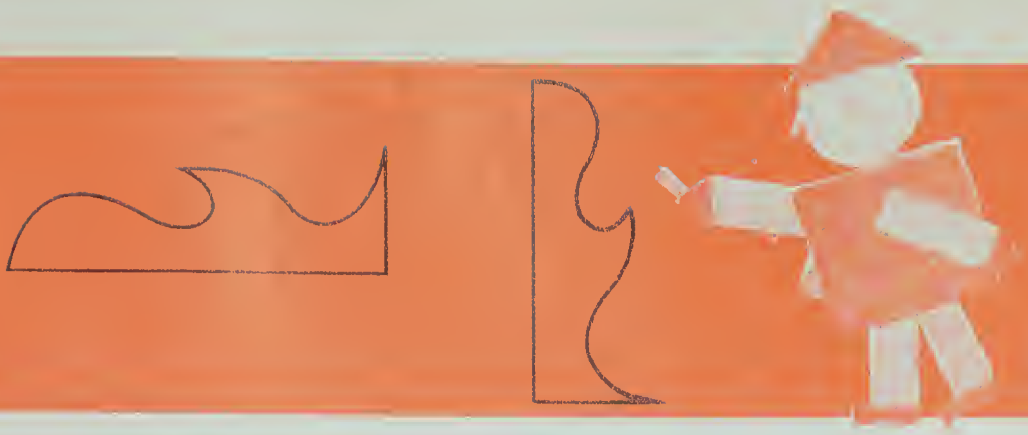
H $4+4$

I $8-0$

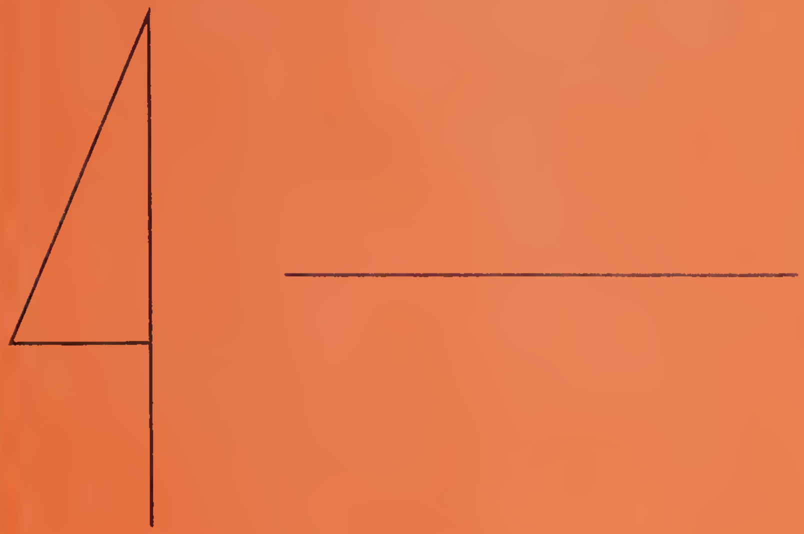
J $5+3$

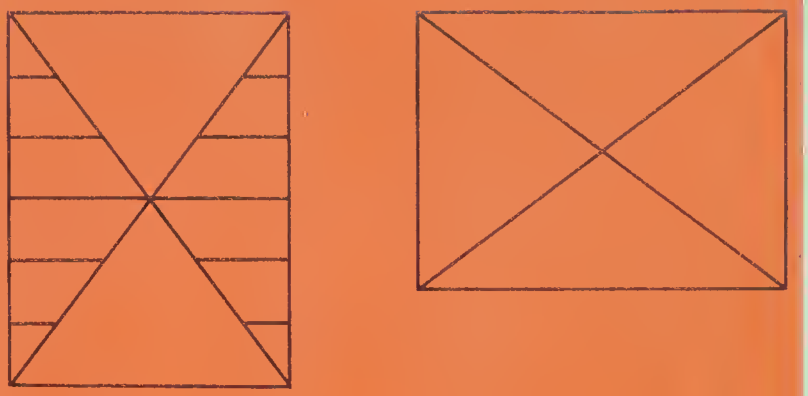
K $8-3$

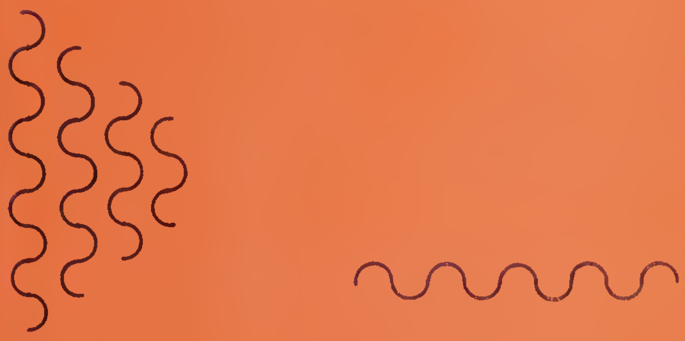
L $2+6$

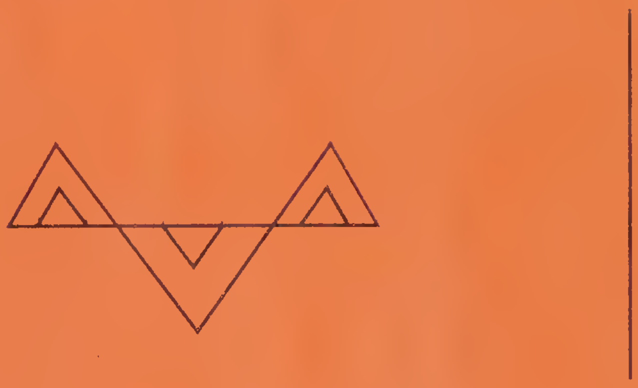


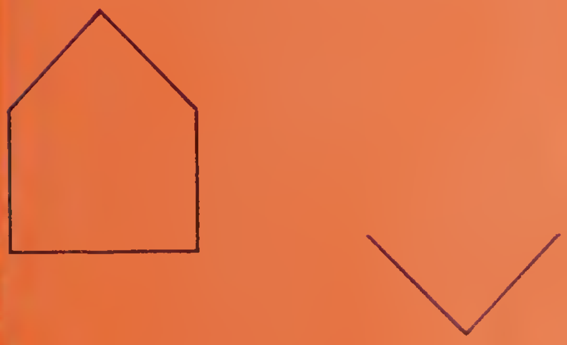
Draw the pictures in the new positions.

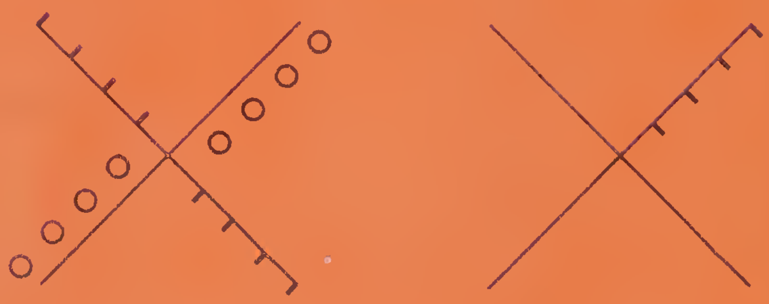


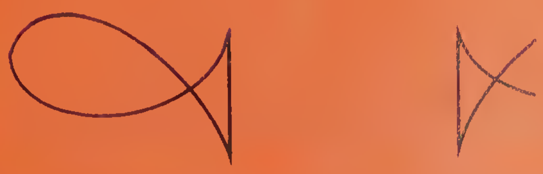


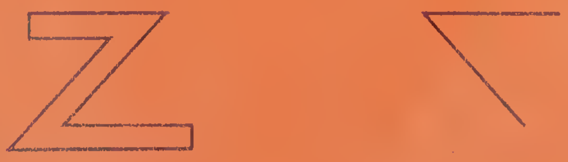


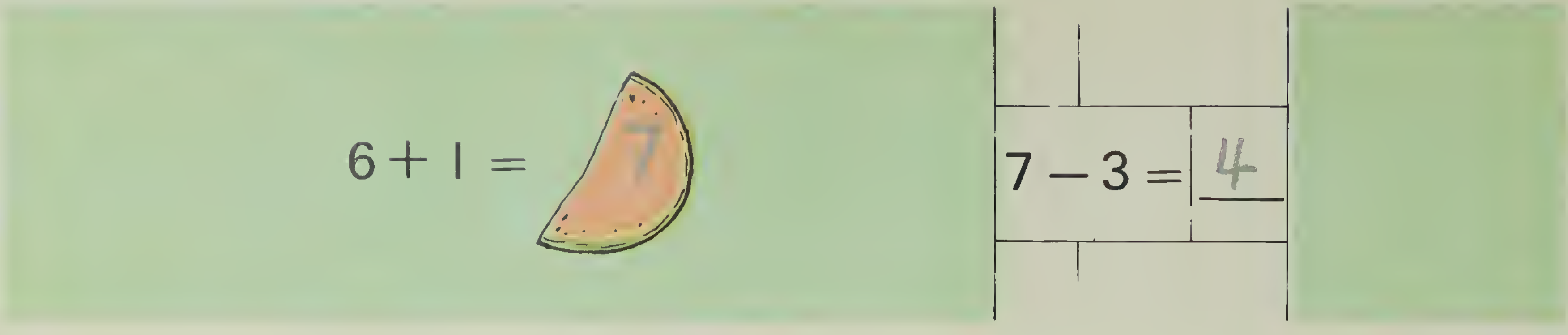








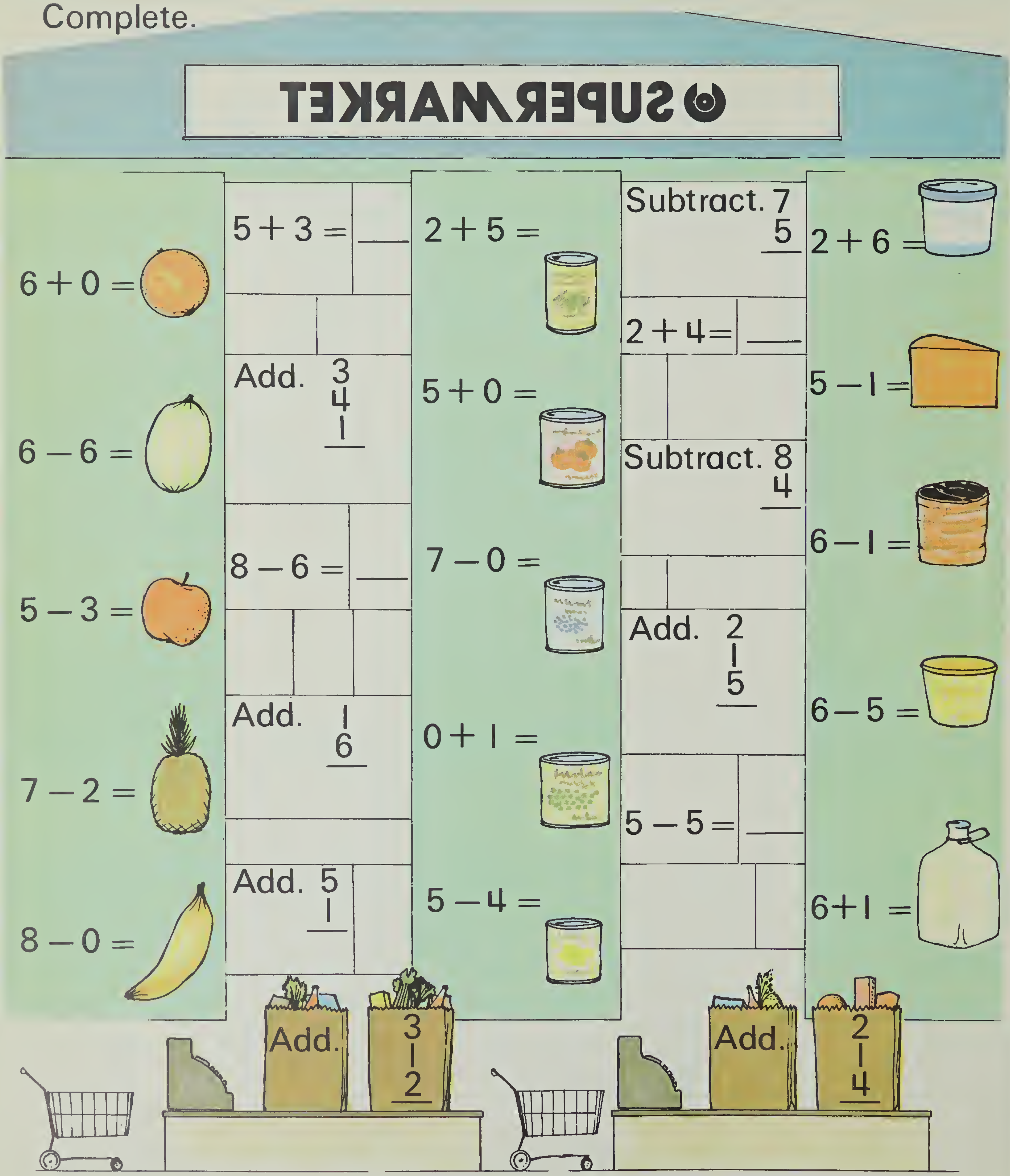




6 + 1 = 7

7 − 3 = 4

Complete.



6 + 0 =

6 − 6 =

5 − 3 =

7 − 2 =

8 − 0 =

5 + 3 = ___

Add. $\begin{array}{r}3\\4\\1\\\hline\end{array}$

8 − 6 = ___

Add. $\begin{array}{r}1\\6\\\hline\end{array}$

Add. $\begin{array}{r}5\\1\\\hline\end{array}$

2 + 5 =

5 + 0 =

7 − 0 =

0 + 1 =

5 − 4 =

Subtract. $\begin{array}{r}7\\5\\\hline\end{array}$

2 + 4 = ___

Subtract. $\begin{array}{r}8\\4\\\hline\end{array}$

Add. $\begin{array}{r}2\\1\\5\\\hline\end{array}$

5 − 5 = ___

2 + 6 =

5 − 1 =

6 − 1 =

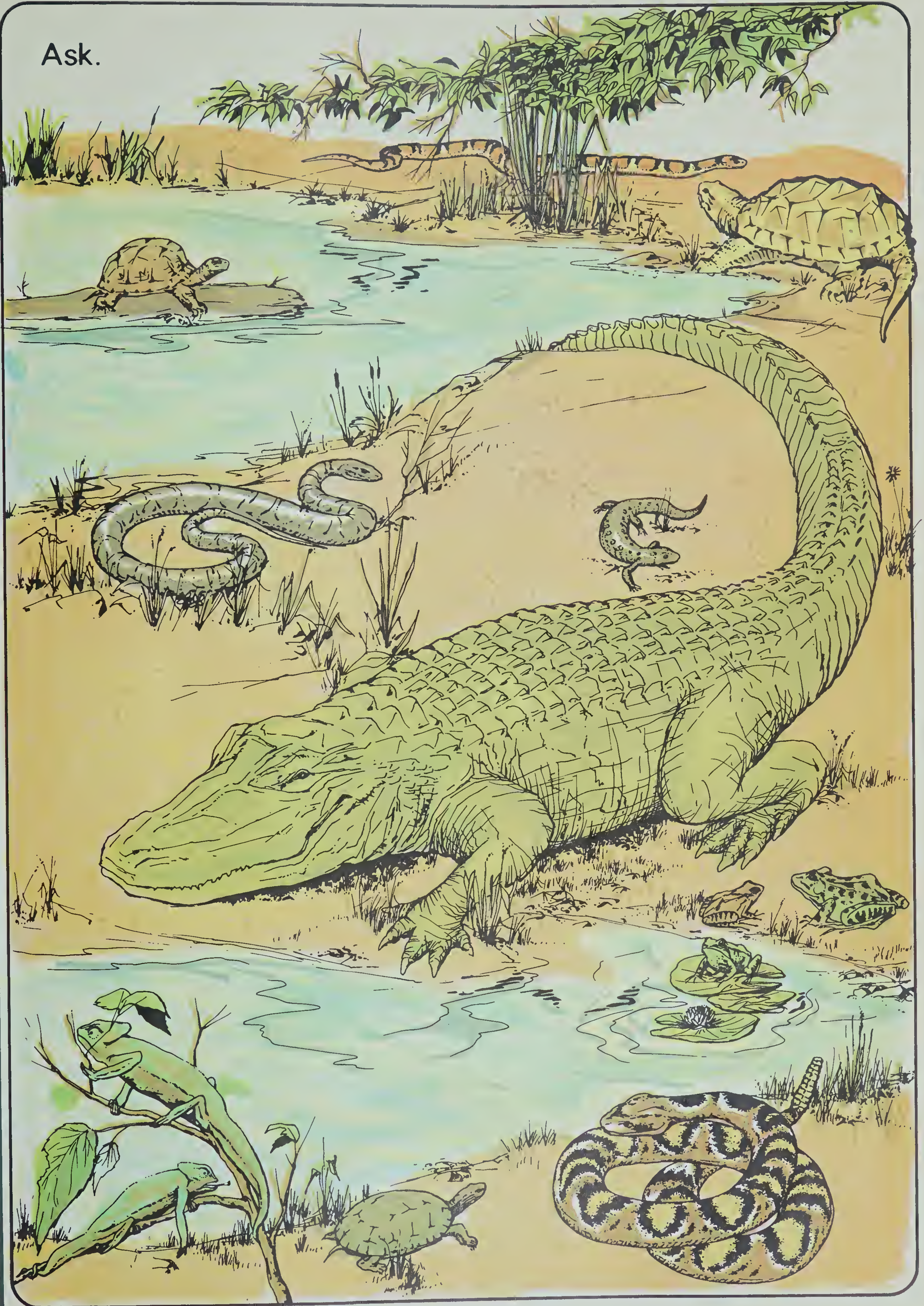
6 − 5 =

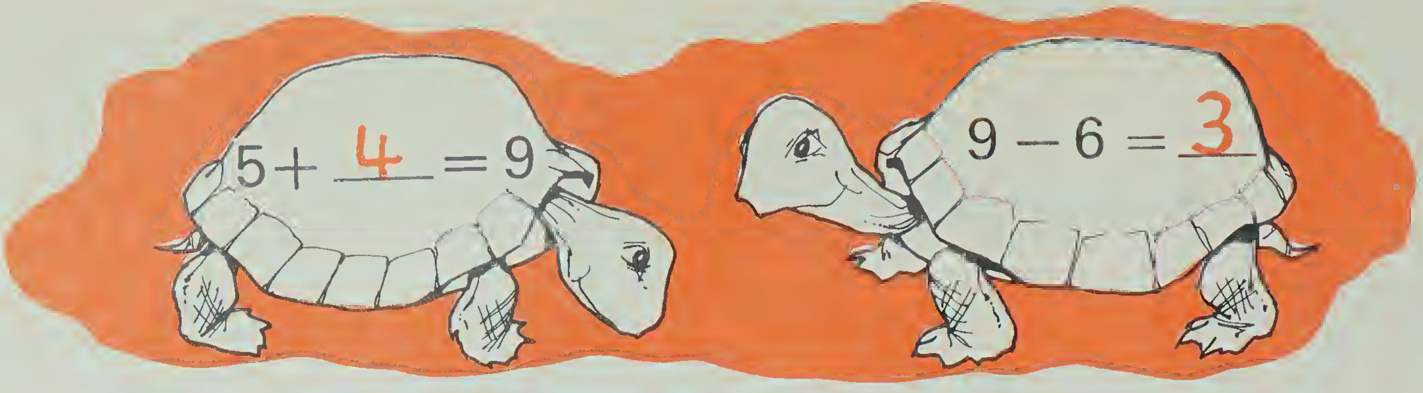
6 + 1 =

Add. $\begin{array}{r}3\\1\\2\\\hline\end{array}$

Add. $\begin{array}{r}2\\1\\4\\\hline\end{array}$

Ask.



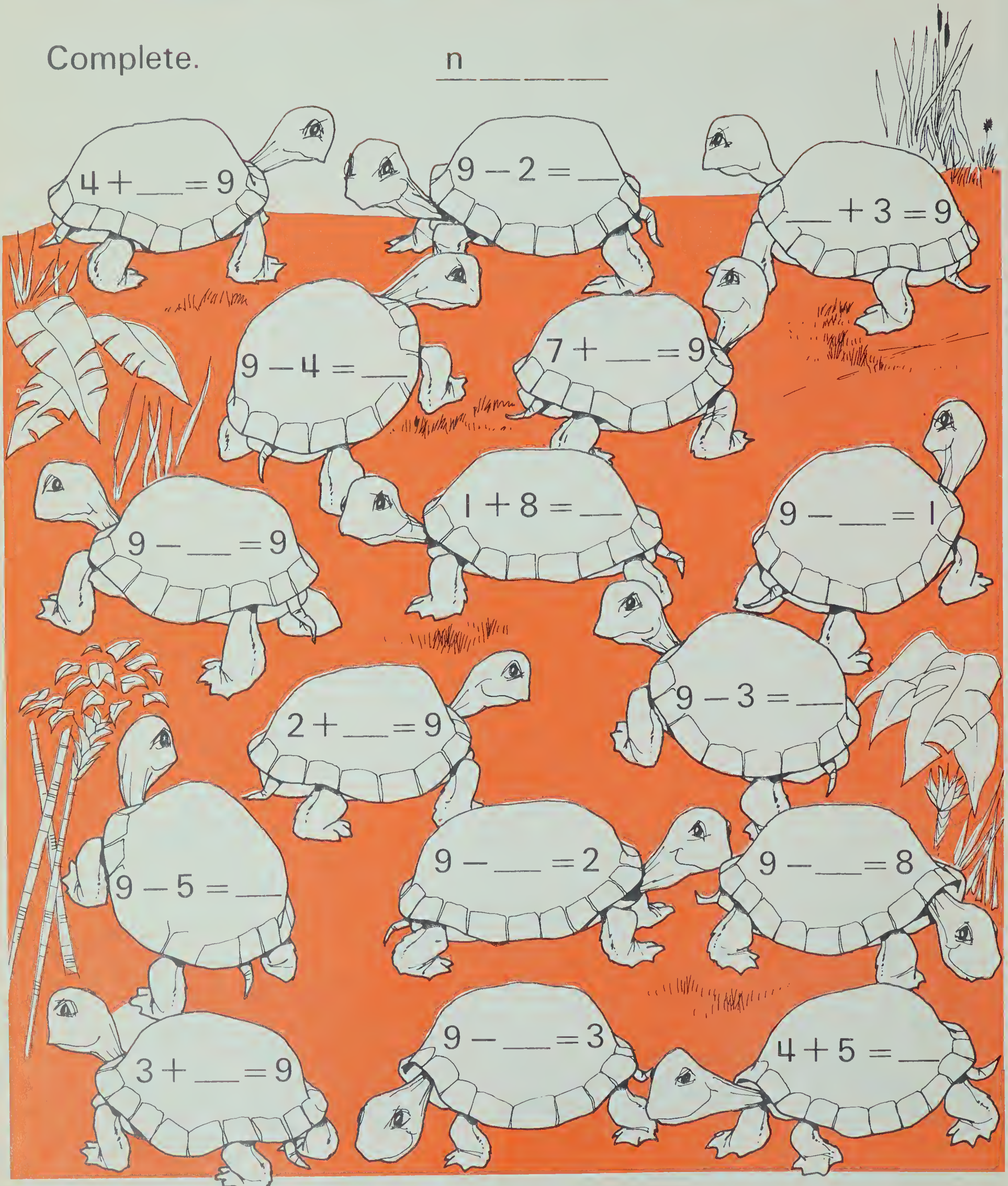


5 + 4 = 9

9 − 6 = 3

Complete.

n ______



4 + ___ = 9

9 − 2 = ___

___ + 3 = 9

9 − 4 = ___

7 + ___ = 9

9 − ___ = 9

1 + 8 = ___

9 − ___ = 1

2 + ___ = 9

9 − 3 = ___

9 − 5 = ___

9 − ___ = 2

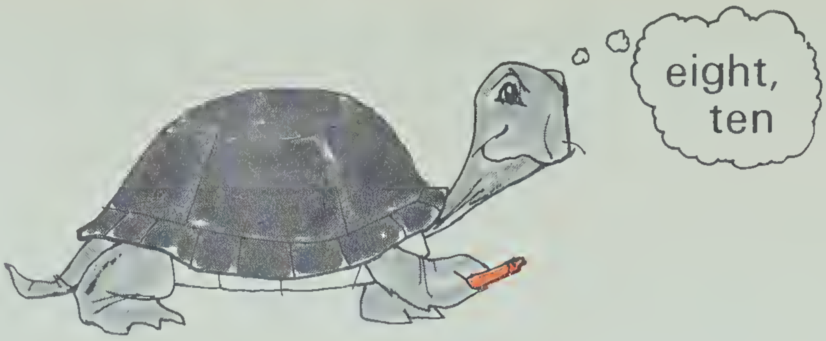
9 − ___ = 8

3 + ___ = 9

9 − ___ = 3

4 + 5 = ___

4 + 6 = 10



2
7
1
10

Gather the turtle eggs.

t ___ ___ ___

3
2
5
___

6
3
1
___

7 + 3 = ___

10 − 7 = ___

1 + ___ = 10

1
3
2
___

10 + 0 = ___

___ + 7 = 10

6 + ___ = 10

10 − 5 = ___

2 + 8 = ___

10 − 9 = ___

10 − ___ = 7

___ + 6 = 10

___ + 1 = 10

10 − 2 = ___

10 − 8 = ___

8 + ___ = 10

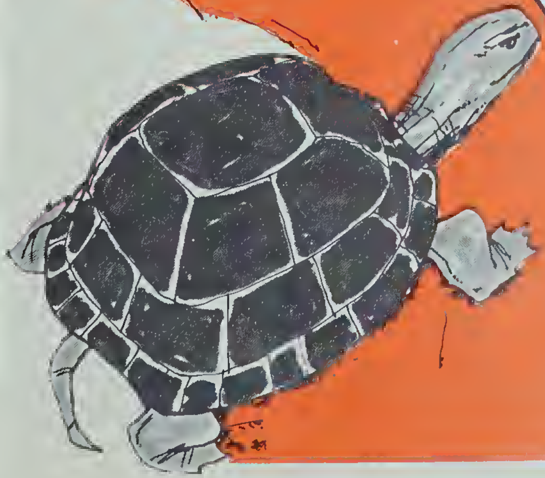
10 − ___ = 4

___ − 0 = 10

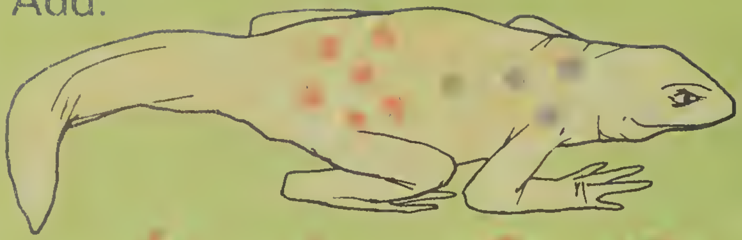
5 + ___ = 10

10 − ___ = 0

0 + 10 = ___

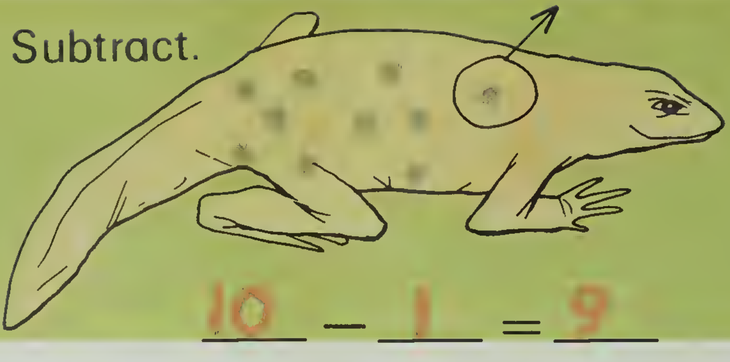


Add.



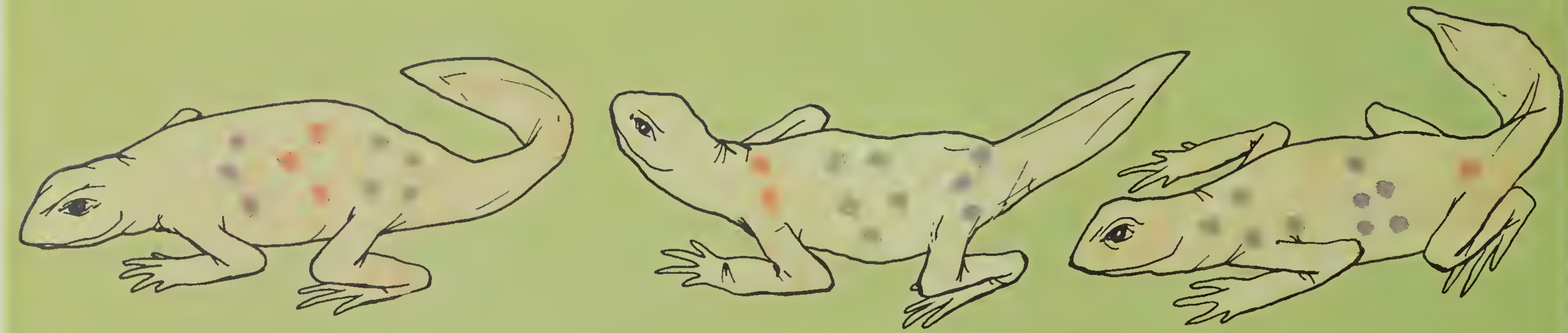
6 + 1 + 3 = 10

Subtract.

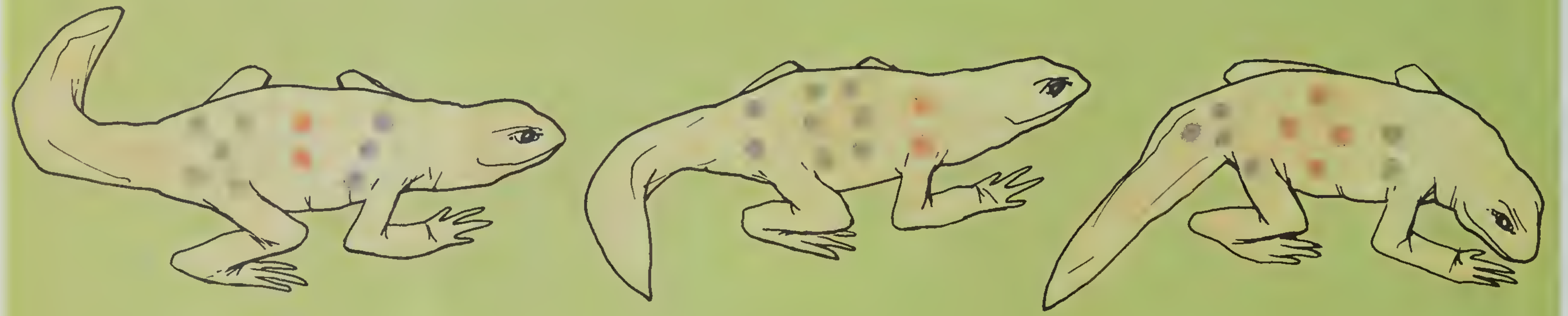


10 − 1 = 9

Add.

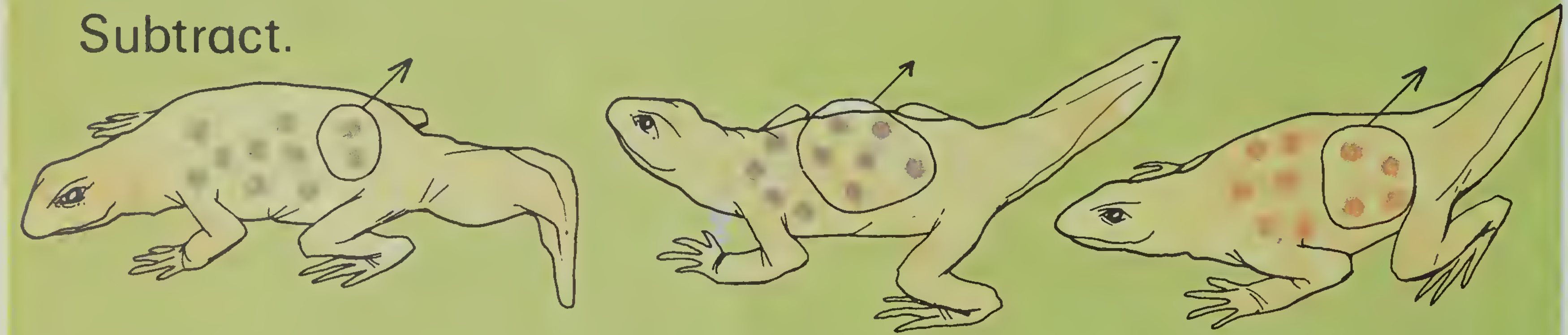


___ + ___ + ___ = ___
___ + ___ + ___ = ___
___ + ___ + ___ = ___

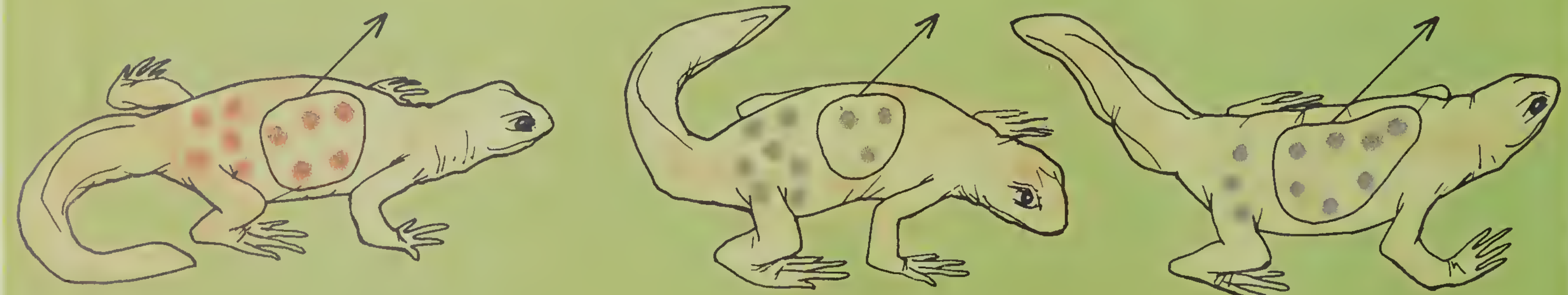


___ + ___ + ___ = ___
___ + ___ + ___ = ___
___ + ___ + ___ = ___

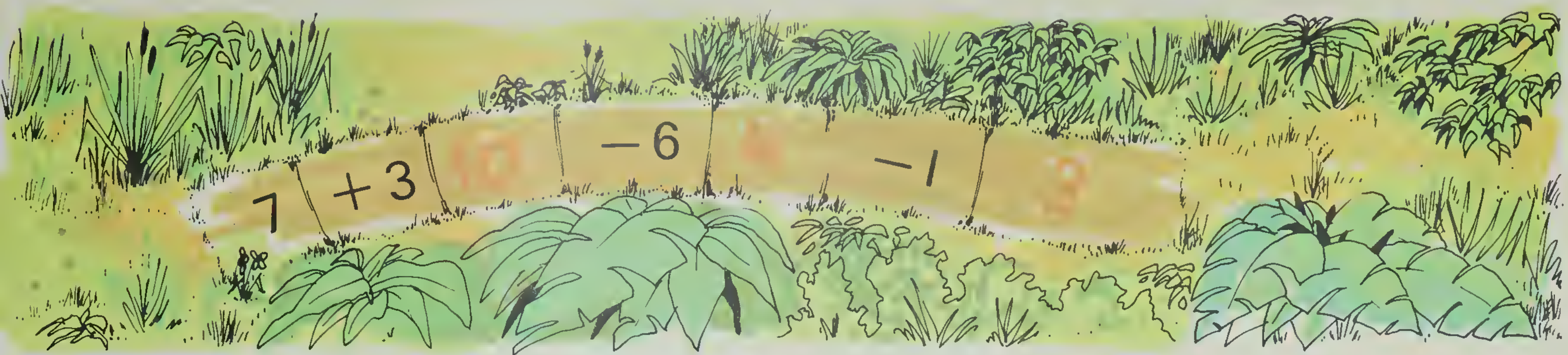
Subtract.



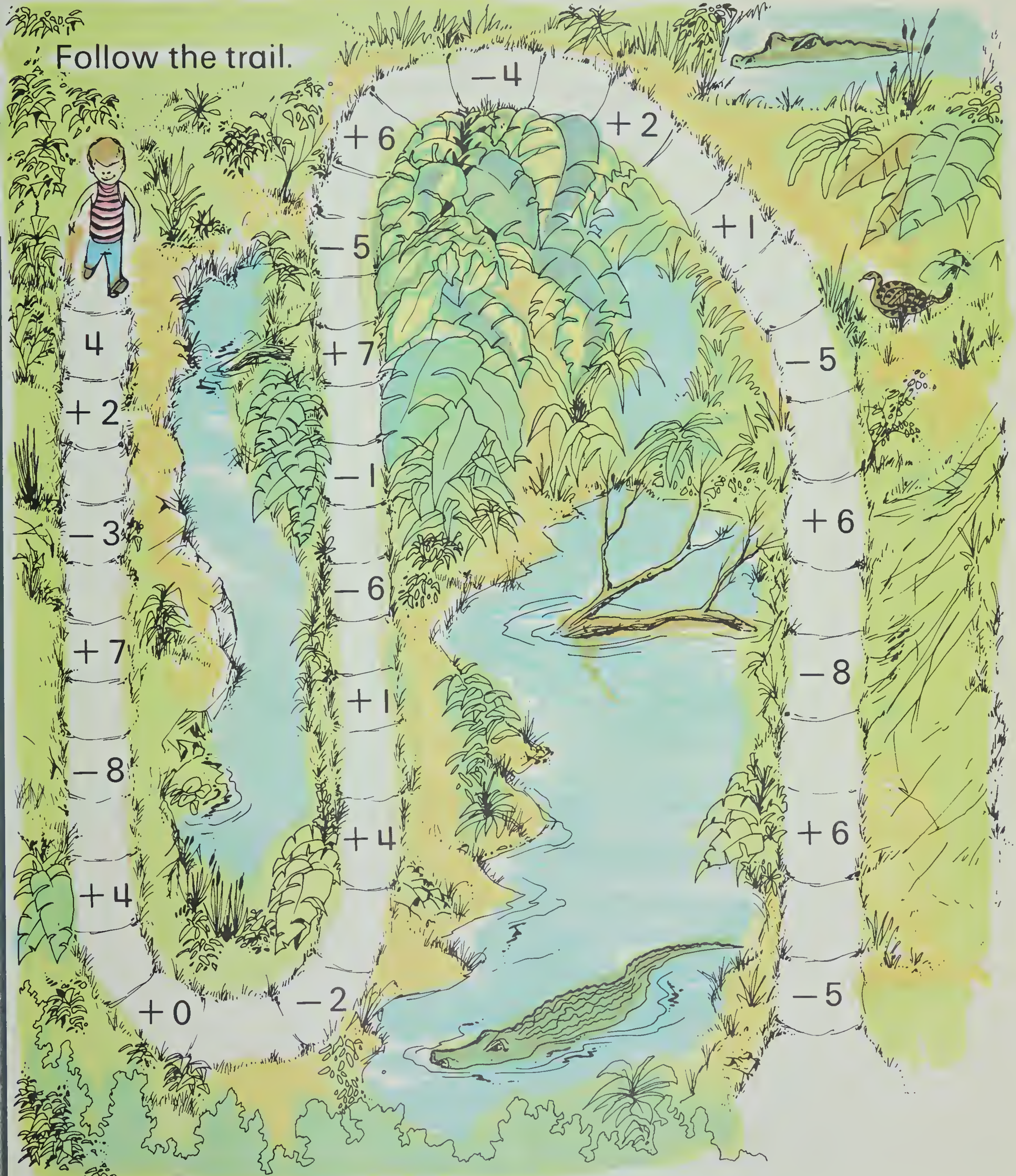
___ − ___ = ___
___ − ___ = ___
___ − ___ = ___

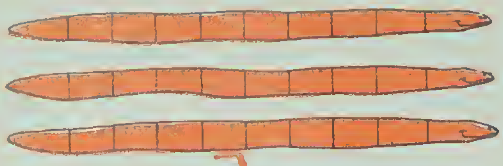


___ − ___ = ___
___ − ___ = ___
___ − ___ = ___



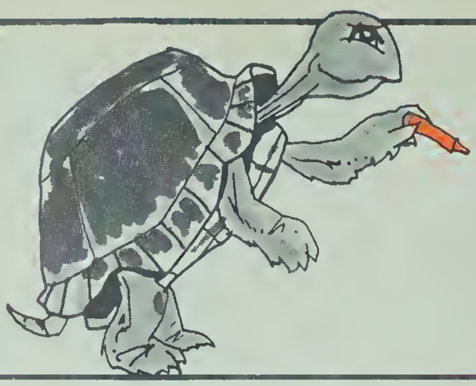
Follow the trail.


4
+2
−3
+7
−8
+4
+0
−2
+4
+1
−6
−1
+7
−5
+6
−4
+2
+1
−5
+6
−8
+6
−5



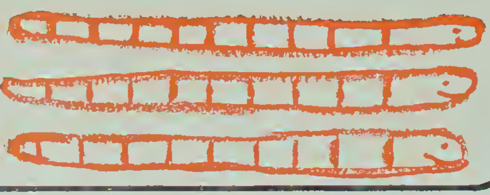
3 tens

30

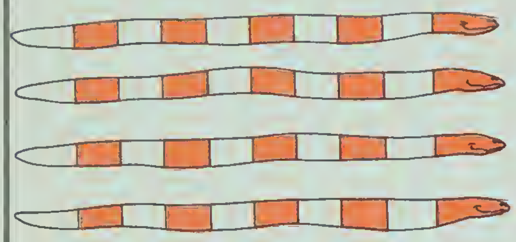


30

3 tens

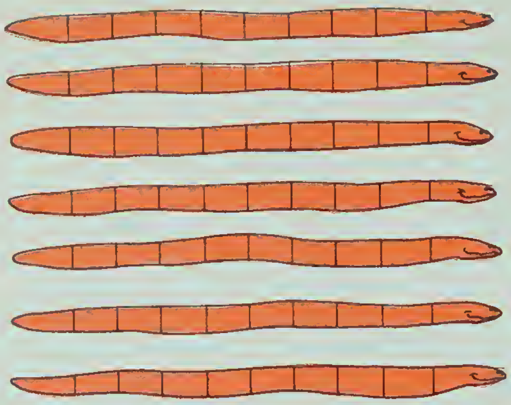


Complete.



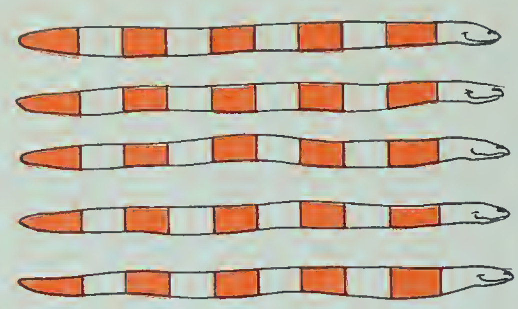
____tens

____



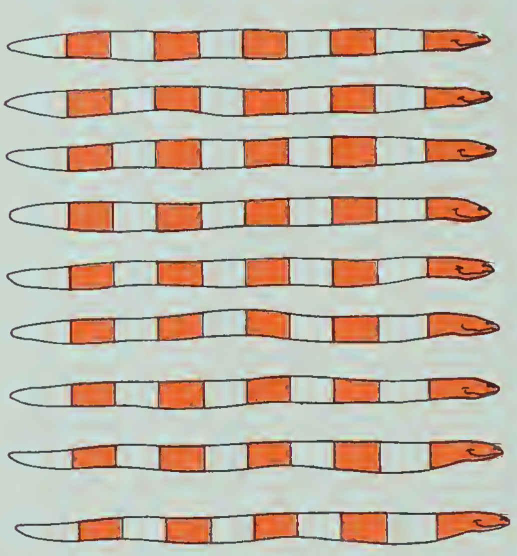
____tens

____



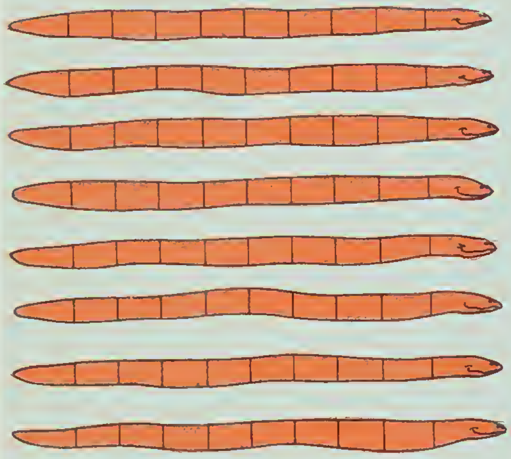
____tens

____



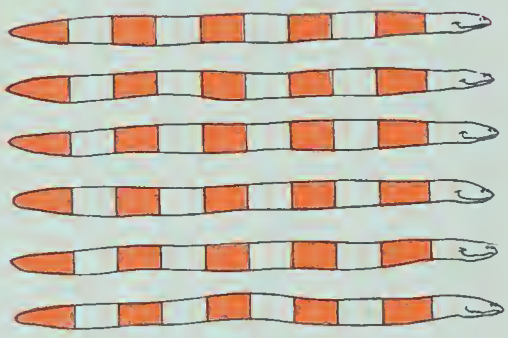
____tens

____



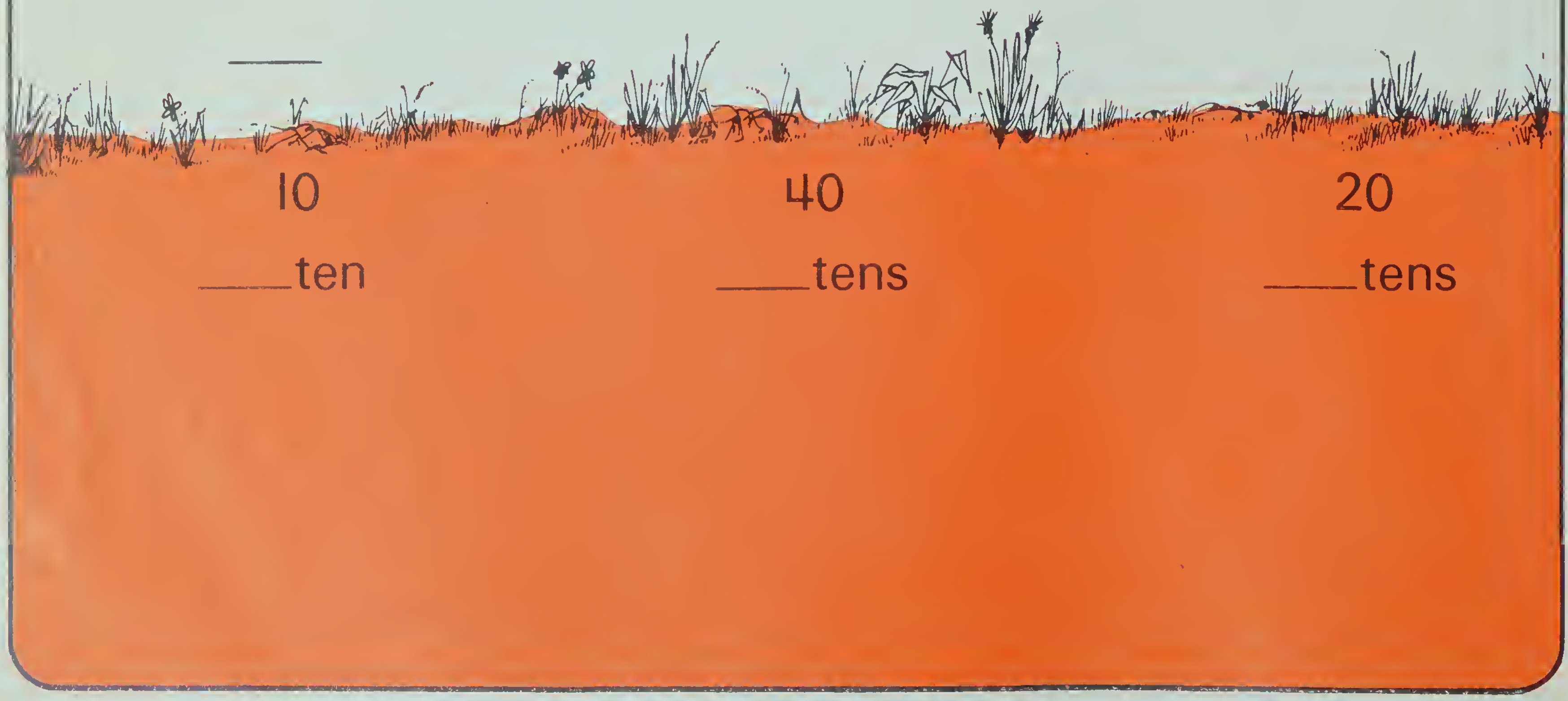
____tens

____



____tens

____



10

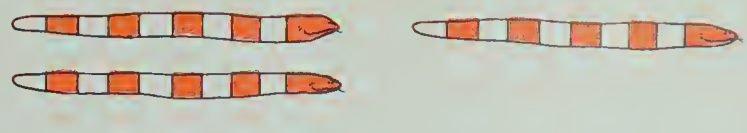
____ten

40

____tens

20

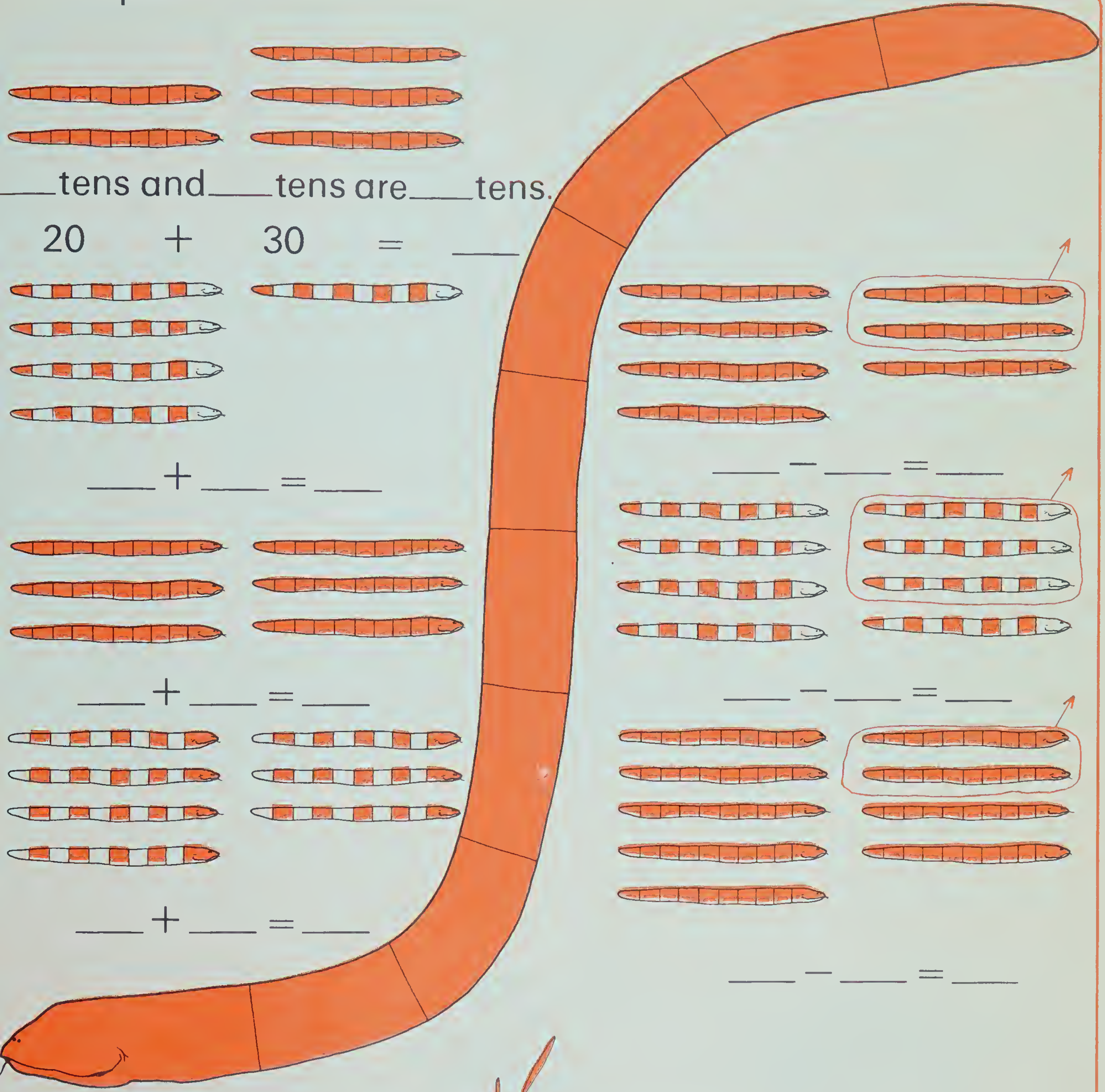
____tens



20 + 10 = 30

Add.	Subtract.
20	70
20	40
40	30

Complete.



___tens and___tens are___tens.

20 + 30 = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

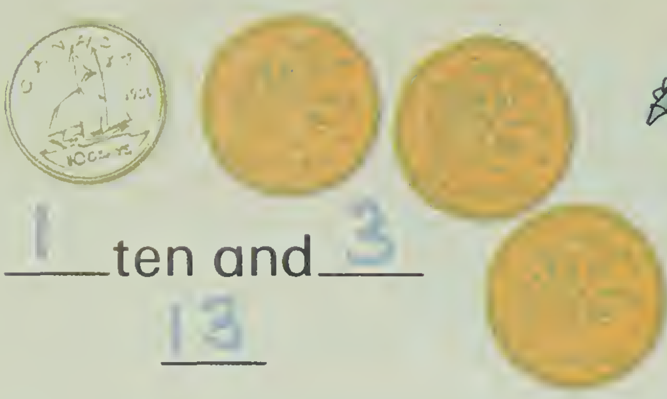
___ − ___ = ___

Add.

80	20	30
10	60	40
___	___	___

Subtract.

90	70	80
10	50	20
___	___	___



1 ten and 3

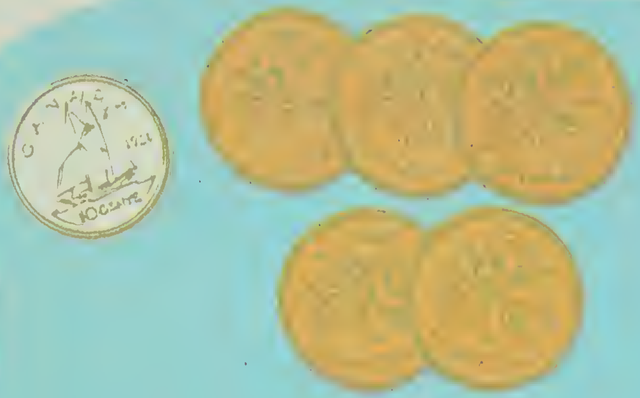
13

10 + 6 = 16

10¢ 1¢ 1¢ 1¢

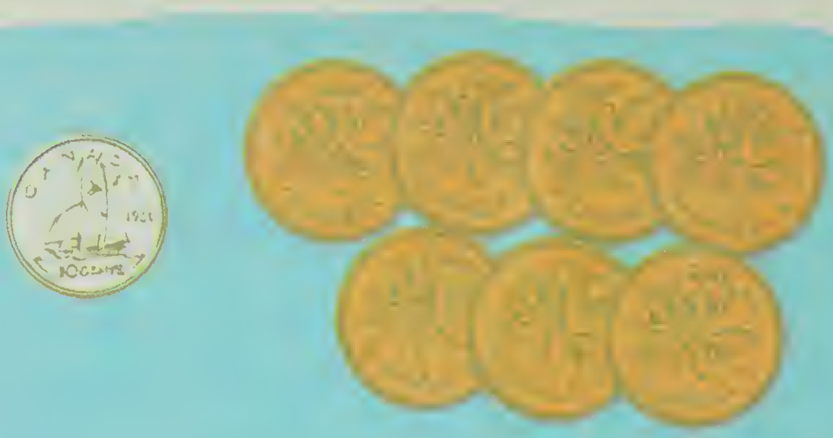
1¢ 1¢ 1¢

Complete.



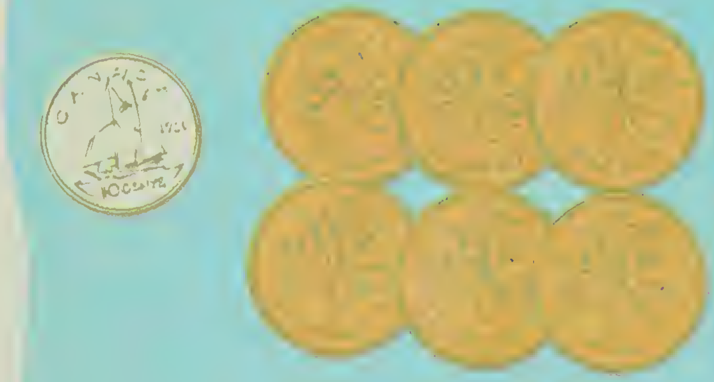
___ ten and ___

___



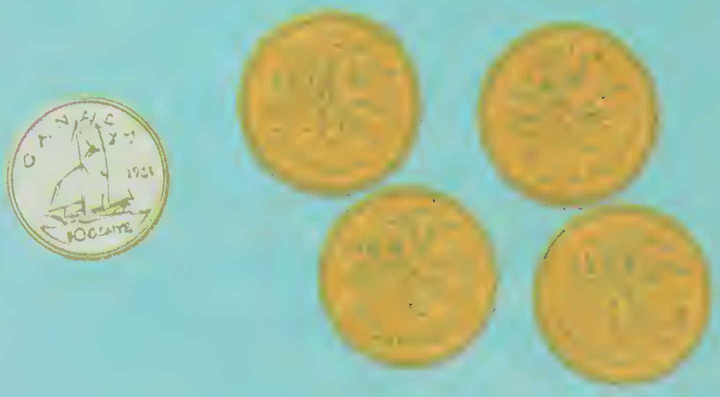
___ ten and ___

___



___ ten and ___

___



___ ten and ___

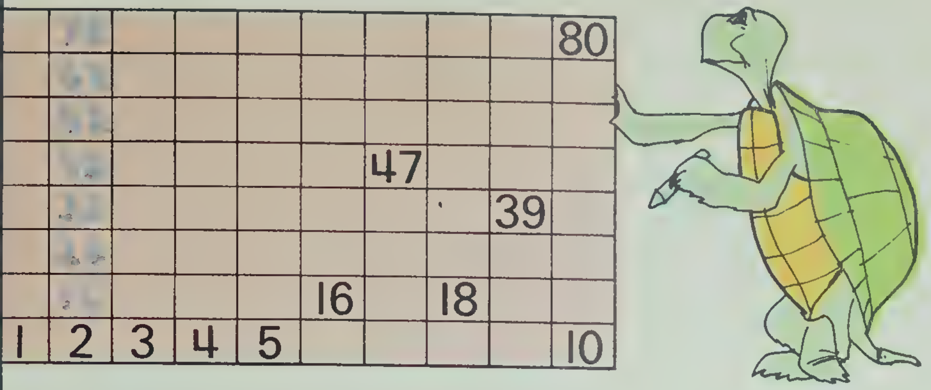
___

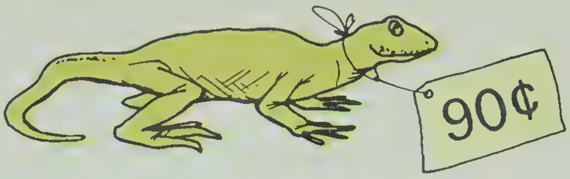
10 + ___ = 12

___ + ___ = 11

10 + ___ = 10

___ + 3 = 13


80
47
39
16
18
1 2 3 4 5
10

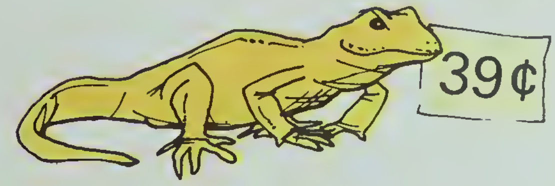


9 tens and 0

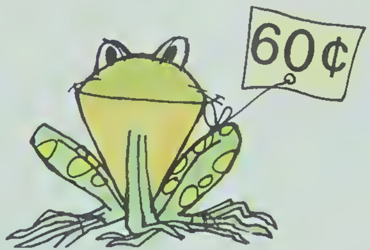
Count by tens.

									100
				85					
71									
		53							
						47			
								39	
			24						
					16		18		
1	2			5					10

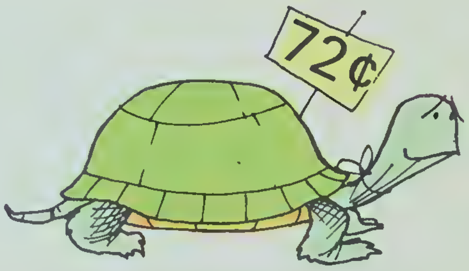
Complete.



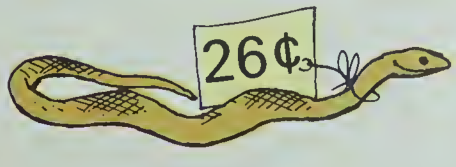
___tens and___



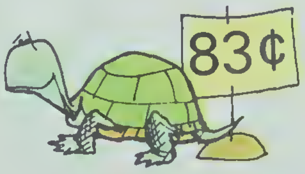
___tens and___



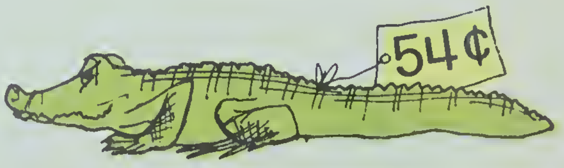
___tens and___



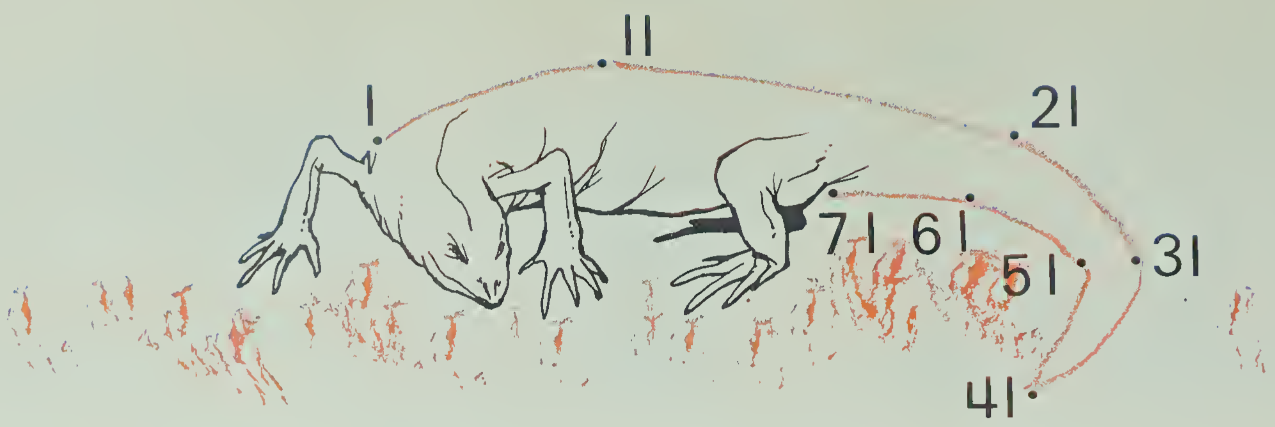
___tens and___



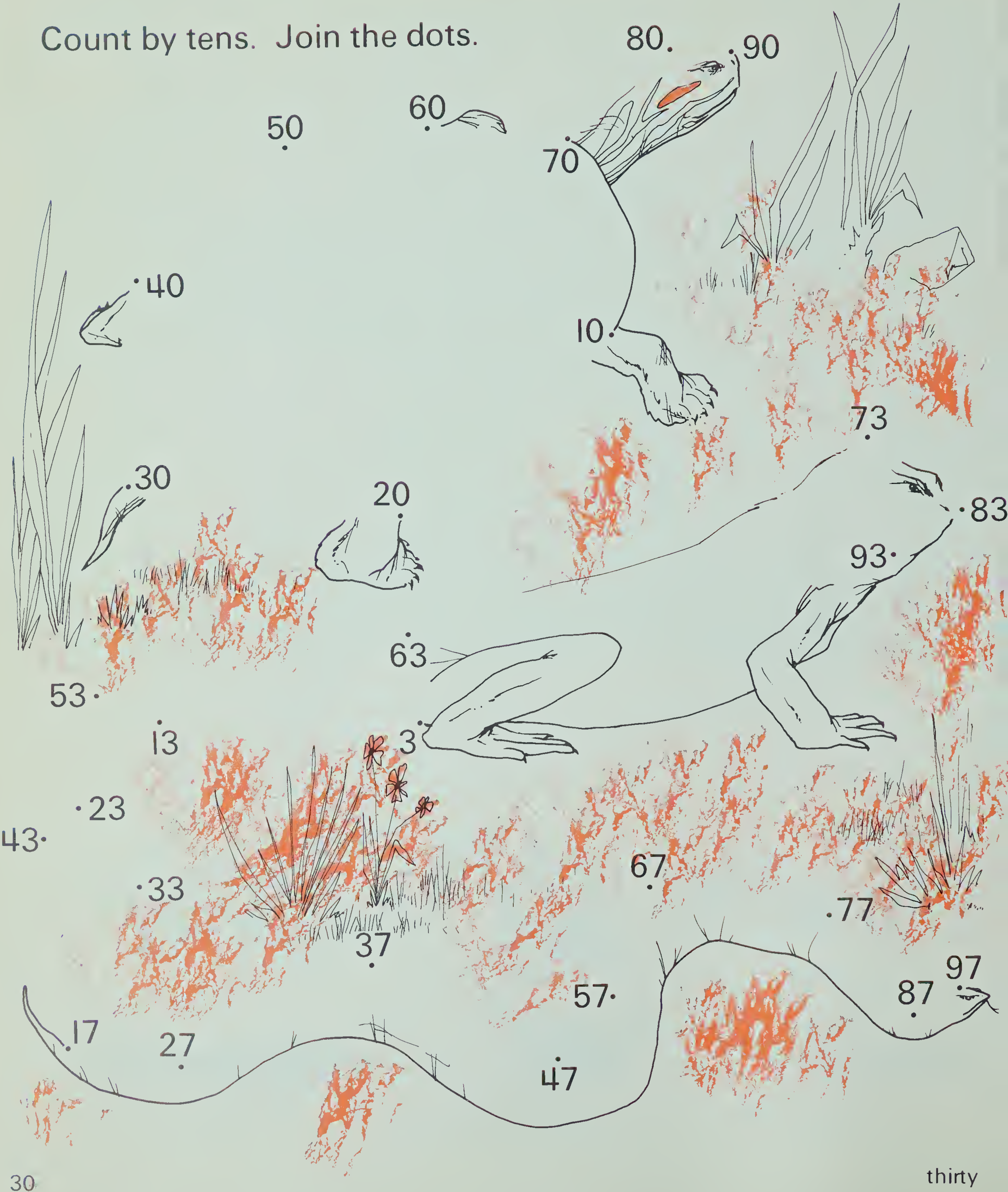
___tens and___



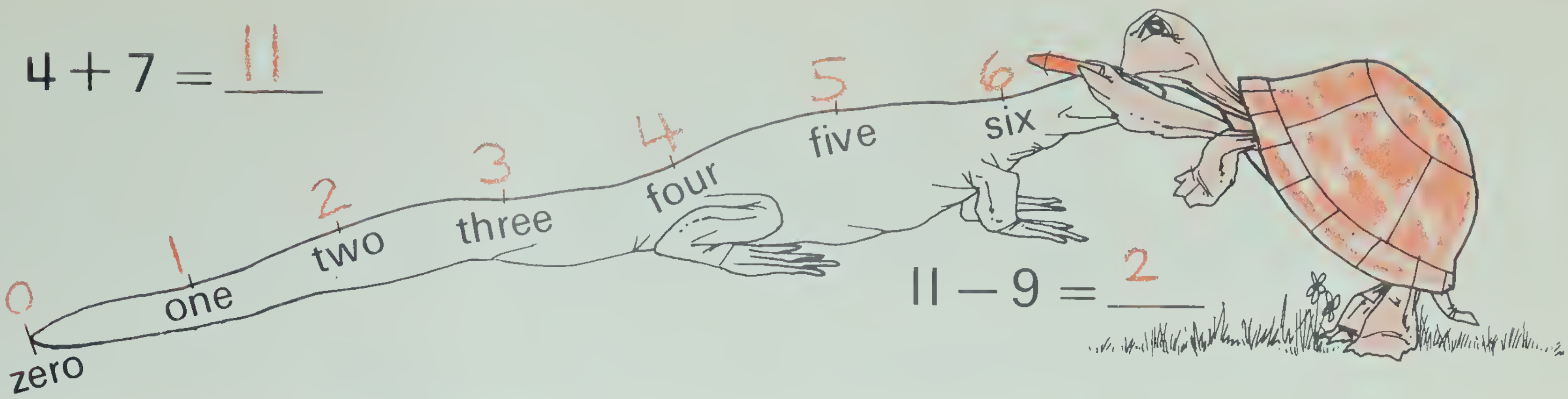
___tens and___


1
11
21
31
41
51
61
71

Count by tens. Join the dots.


80
90
50
60
70
40
10
73
30
20
83
93
63
53
13
3
23
43
67
33
77
37
97
57
87
17
27
47

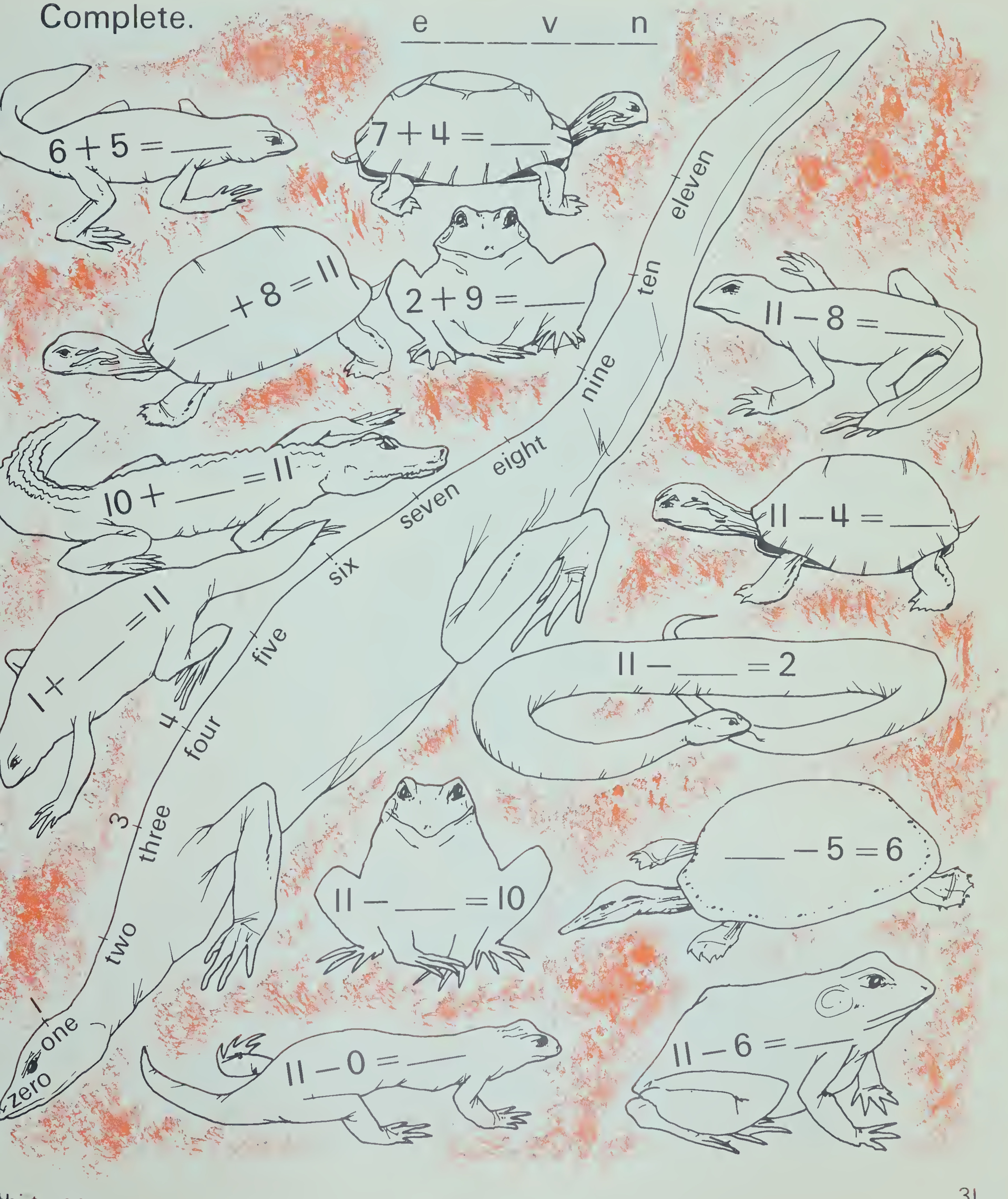
4 + 7 = 11


0
zero
1
one
2
two
3
three
4
four
5
five
6
six

11 − 9 = 2

Complete.

e ___ ___ v ___ n


zero
1
one
two
3
three
4
four
five
six
seven
eight
nine
ten
eleven

6 + 5 = ____

7 + 4 = ____

____ + 8 = 11

2 + 9 = ____

11 − 8 = ____

10 + ____ = 11

11 − 4 = ____

1 + ____ = 11

11 − ____ = 2

____ − 5 = 6

11 − ____ = 10

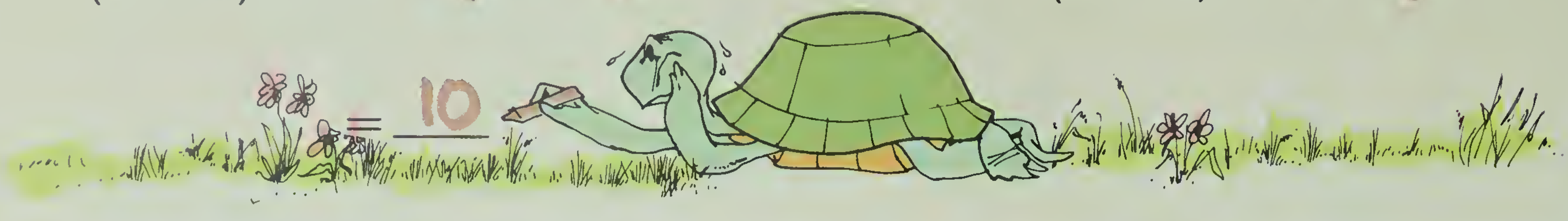
11 − 0 = ____

11 − 6 = ____

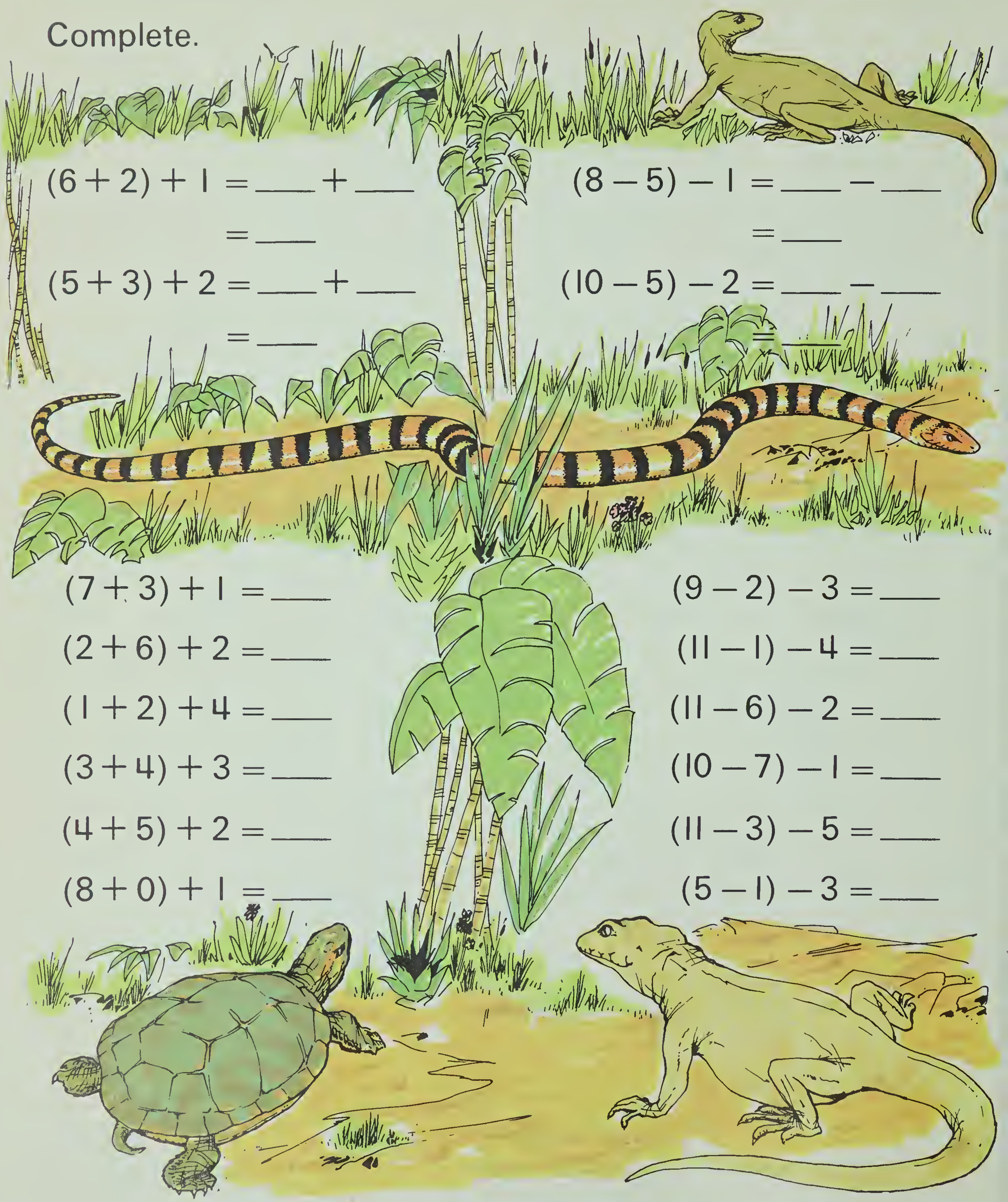
$(5+4)+1 = \underline{9} + \underline{1}$

$= \underline{10}$

$(8-3)-1 = \underline{4}$



Complete.



$(6+2)+1 = \underline{\quad} + \underline{\quad}$

$= \underline{\quad}$

$(5+3)+2 = \underline{\quad} + \underline{\quad}$

$= \underline{\quad}$

$(8-5)-1 = \underline{\quad} - \underline{\quad}$

$= \underline{\quad}$

$(10-5)-2 = \underline{\quad} - \underline{\quad}$

$= \underline{\quad}$

$(7+3)+1 = \underline{\quad}$

$(2+6)+2 = \underline{\quad}$

$(1+2)+4 = \underline{\quad}$

$(3+4)+3 = \underline{\quad}$

$(4+5)+2 = \underline{\quad}$

$(8+0)+1 = \underline{\quad}$

$(9-2)-3 = \underline{\quad}$

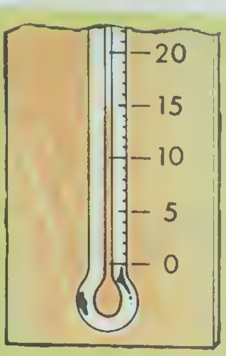
$(11-1)-4 = \underline{\quad}$

$(11-6)-2 = \underline{\quad}$

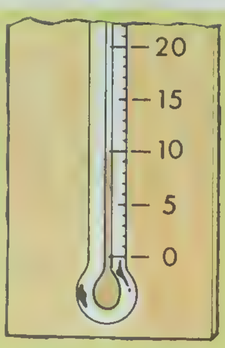
$(10-7)-1 = \underline{\quad}$

$(11-3)-5 = \underline{\quad}$

$(5-1)-3 = \underline{\quad}$

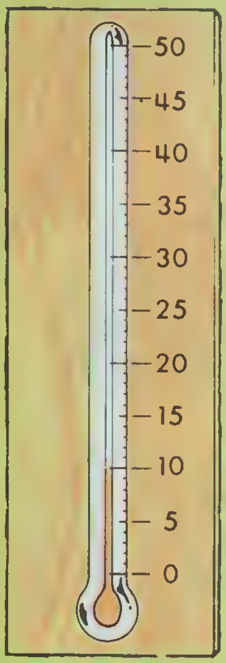


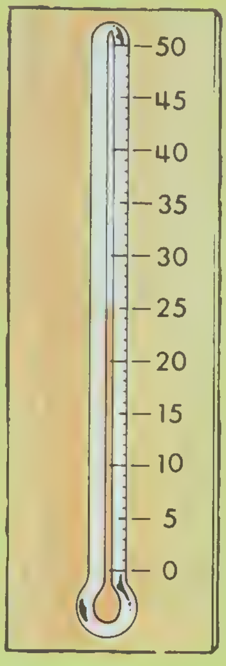
15°C

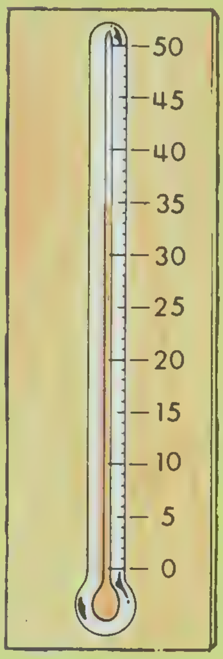


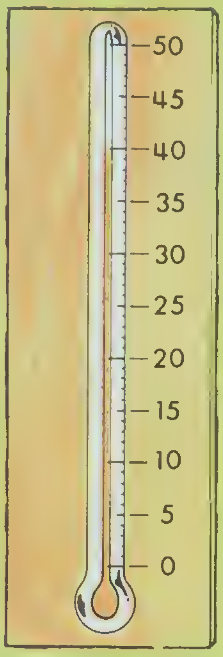
10°C

How hot is it?


50
45
40
35
30
25
20
15
10
5
0

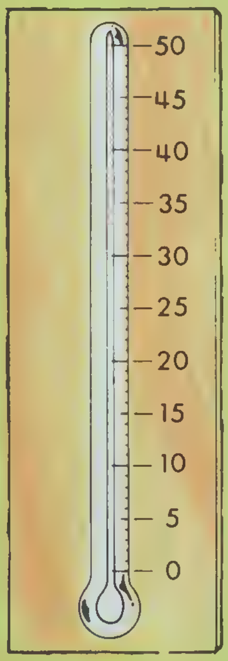

50
45
40
35
30
25
20
15
10
5
0


50
45
40
35
30
25
20
15
10
5
0

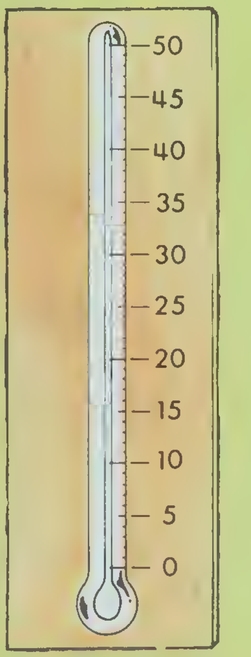

50
45
40
35
30
25
20
15
10
5
0

______ ______ ______ ______

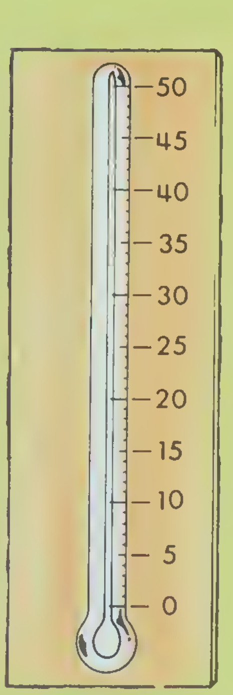
Show the temperature.


50
45
40
35
30
25
20
15
10
5
0

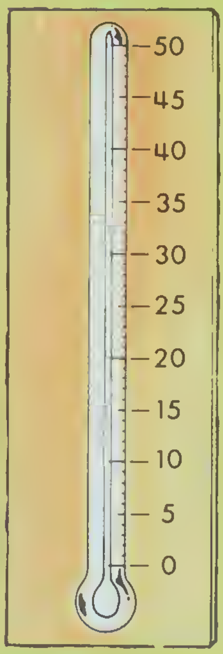
5°C


50
45
40
35
30
25
20
15
10
5
0

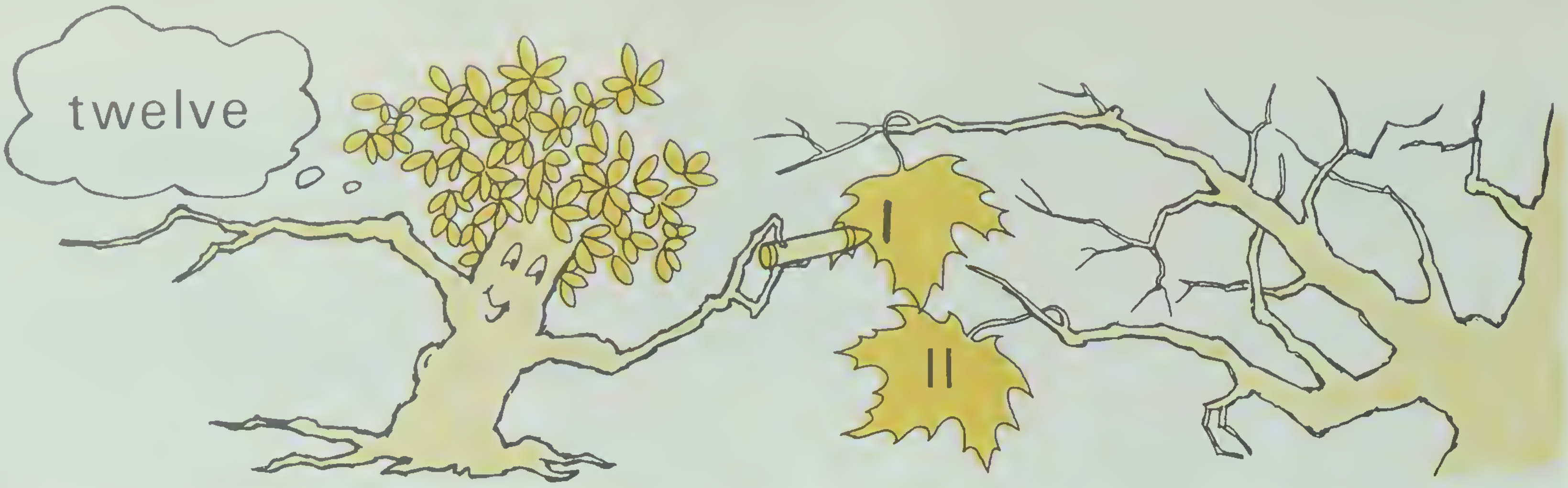
20°C


50
45
40
35
30
25
20
15
10
5
0

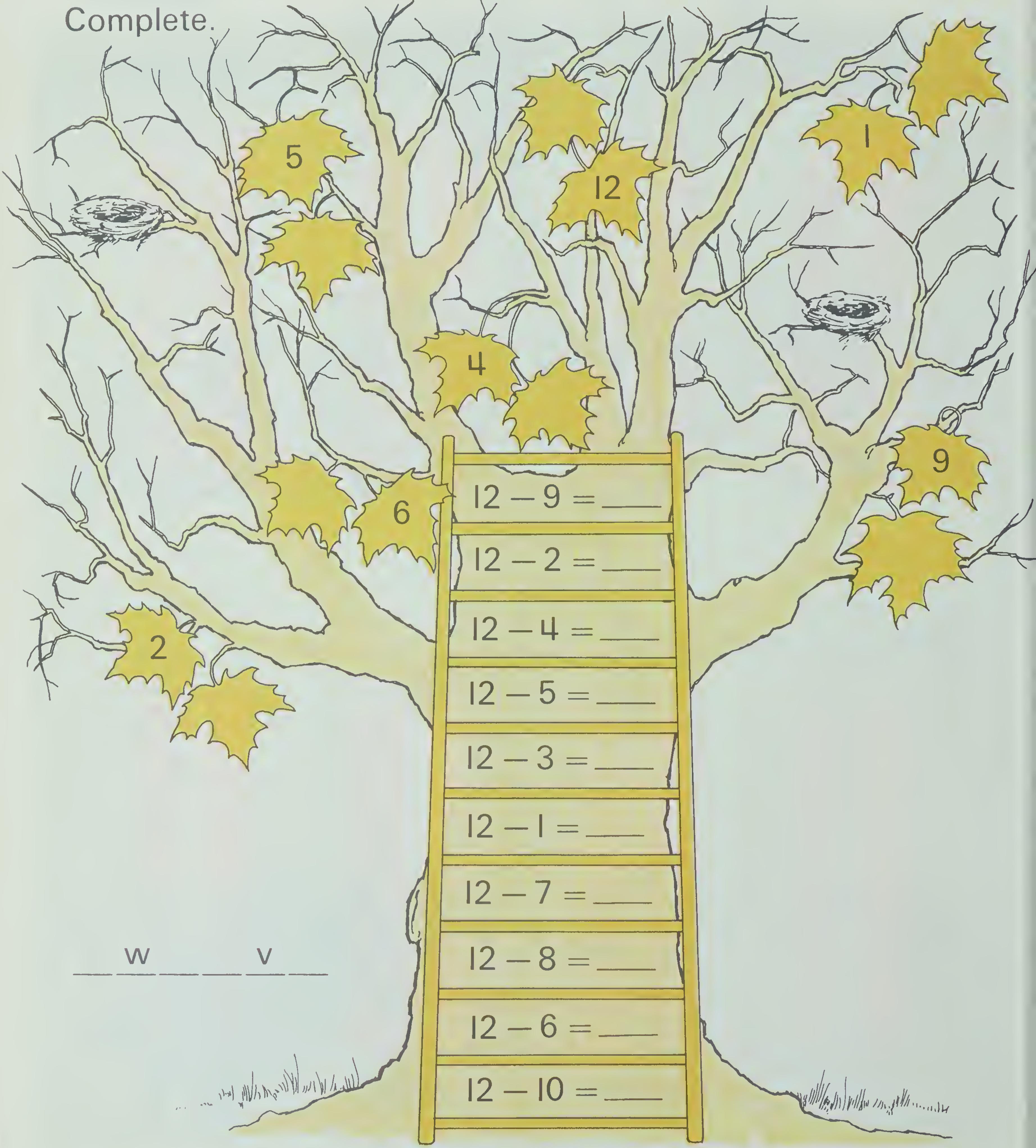
15°C


50
45
40
35
30
25
20
15
10
5
0

30°C



Complete.



12 − 9 = ____

12 − 2 = ____

12 − 4 = ____

12 − 5 = ____

12 − 3 = ____

12 − 1 = ____

12 − 7 = ____

12 − 8 = ____

12 − 6 = ____

12 − 10 = ____

_ w _ _ v _

6¢
1¢
5¢
12¢

Subtract
12¢
2¢
10¢

How much did you spend?

3¢
5¢
4¢
¢

2¢
7¢
3¢
¢

4¢
6¢
2¢
¢

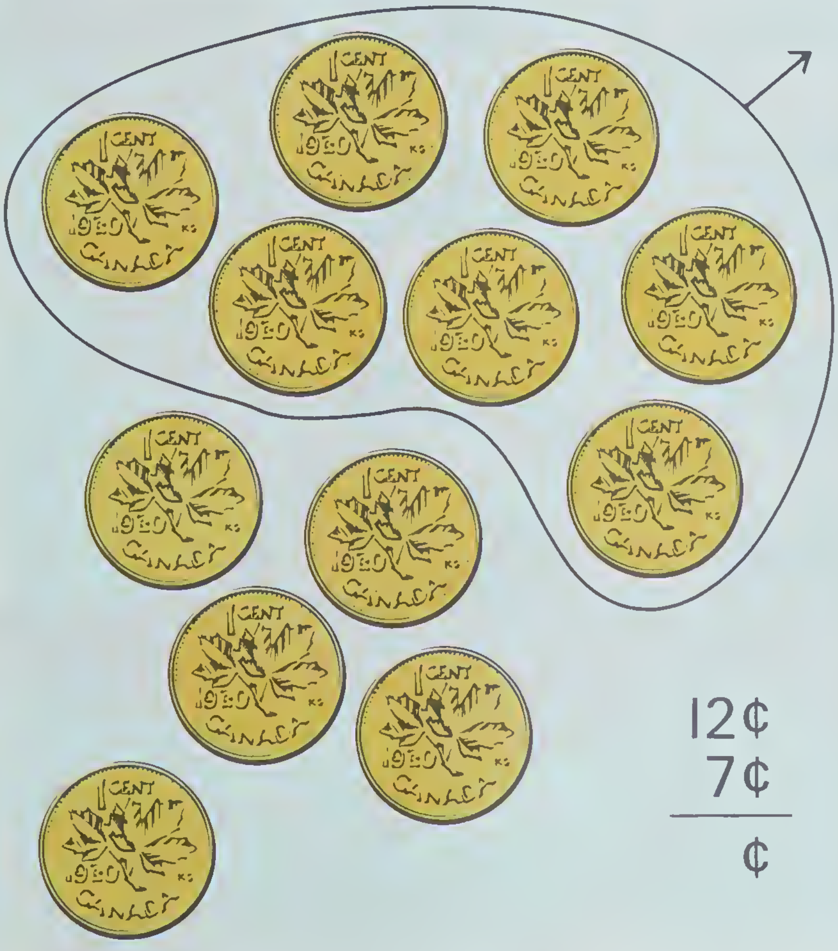
3¢
6¢
3¢
¢

1¢
4¢
7¢
¢

9¢
1¢
2¢
¢

5¢
2¢
5¢
¢

Subtract. How much have you left?



12¢
7¢
¢

12¢
0¢
¢

12¢
11¢
¢

12¢
3¢
¢

12¢
4¢
¢

12¢
10¢
¢

12¢
12¢
¢

63

6 tens and 3

63

60 + 3

6 tens and 3

63 = 60 + 3

Complete.

7 tens and 0

___

29

___ + ___

86

___ + ___

1 ten and 4

___ = ___ + ___

37

___ tens and ___

5 tens and 7

___ = ___ + ___

19

___ ten and ___

3 tens and 2

___

3 tens and 3

___

2 tens and 5

___

51

___ + ___

66

___ + ___

69

___ tens and ___

73

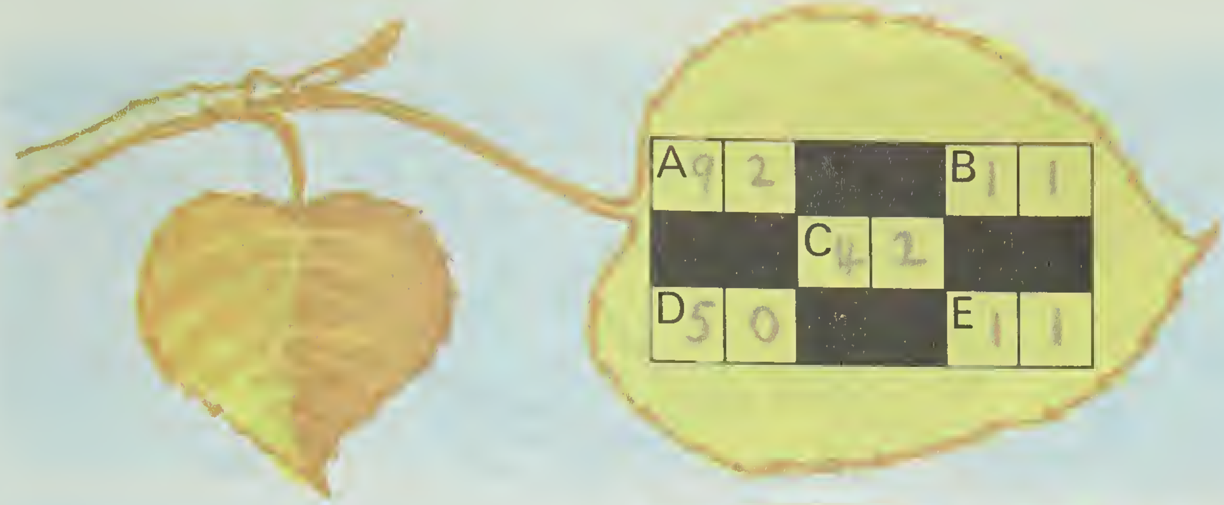
___ tens and ___

9 tens and 9

___ = ___ + ___

4 tens and 3

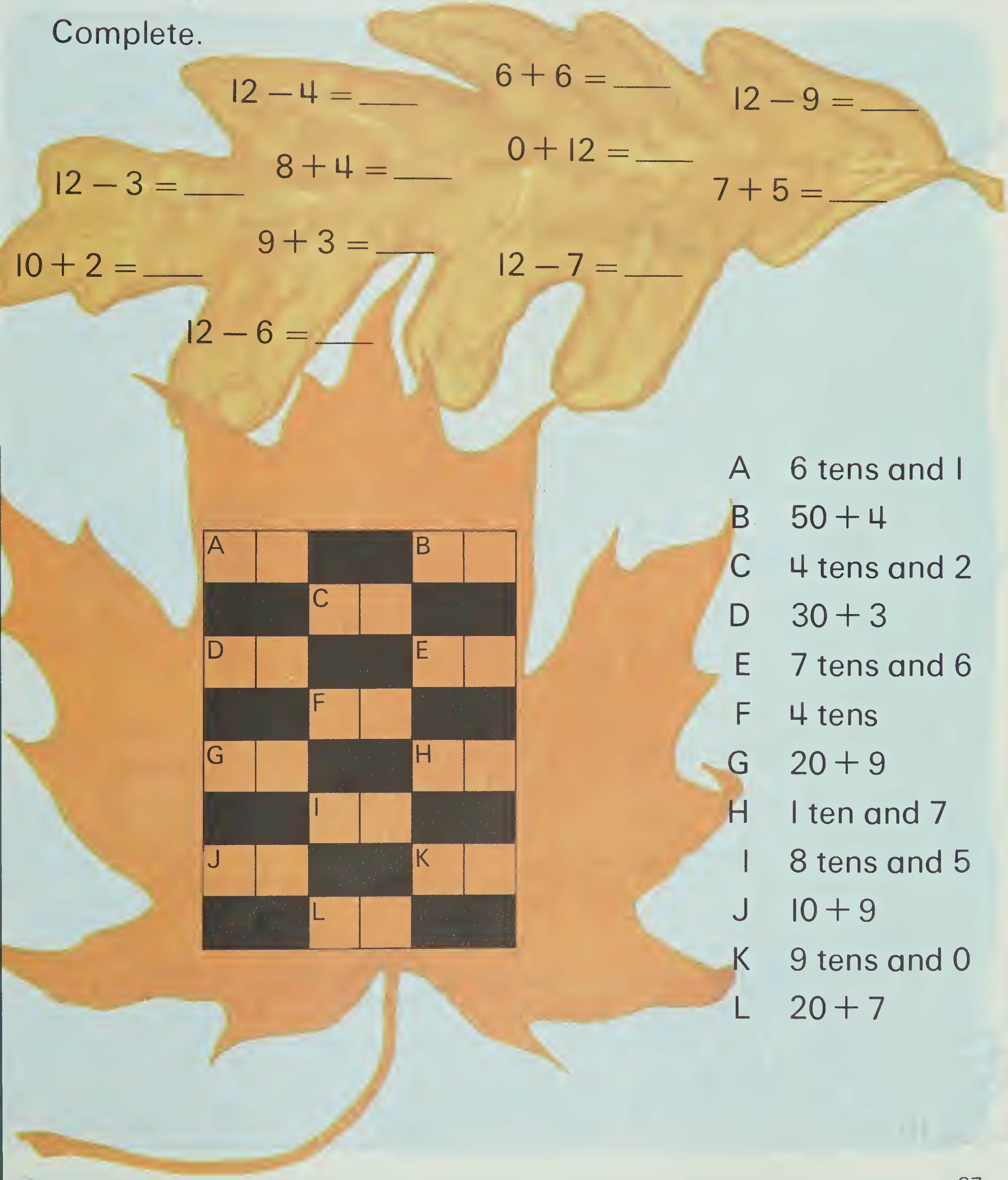
___ = ___ + ___



A 9	2	■	■	B 1	1
■	■	C 4	2	■	■
D 5	0	■	■	E 1	1

A	$90 + 2$
B	1 ten and 1
C	$40 + 2$
D	5 tens and 0
E	$10 + 1$

Complete.



$12 - 4 =$ ____

$6 + 6 =$ ____

$12 - 9 =$ ____

$12 - 3 =$ ____

$8 + 4 =$ ____

$0 + 12 =$ ____

$7 + 5 =$ ____

$10 + 2 =$ ____

$9 + 3 =$ ____

$12 - 7 =$ ____

$12 - 6 =$ ____

A		■	■	B	
■	■	C		■	■
D		■	■	E	
■	■	F		■	■
G		■	■	H	
■	■	I		■	■
J		■	■	K	
■	■	L		■	■

A	6 tens and 1
B	$50 + 4$
C	4 tens and 2
D	$30 + 3$
E	7 tens and 6
F	4 tens
G	$20 + 9$
H	1 ten and 7
I	8 tens and 5
J	$10 + 9$
K	9 tens and 0
L	$20 + 7$

4 + 4 = 8

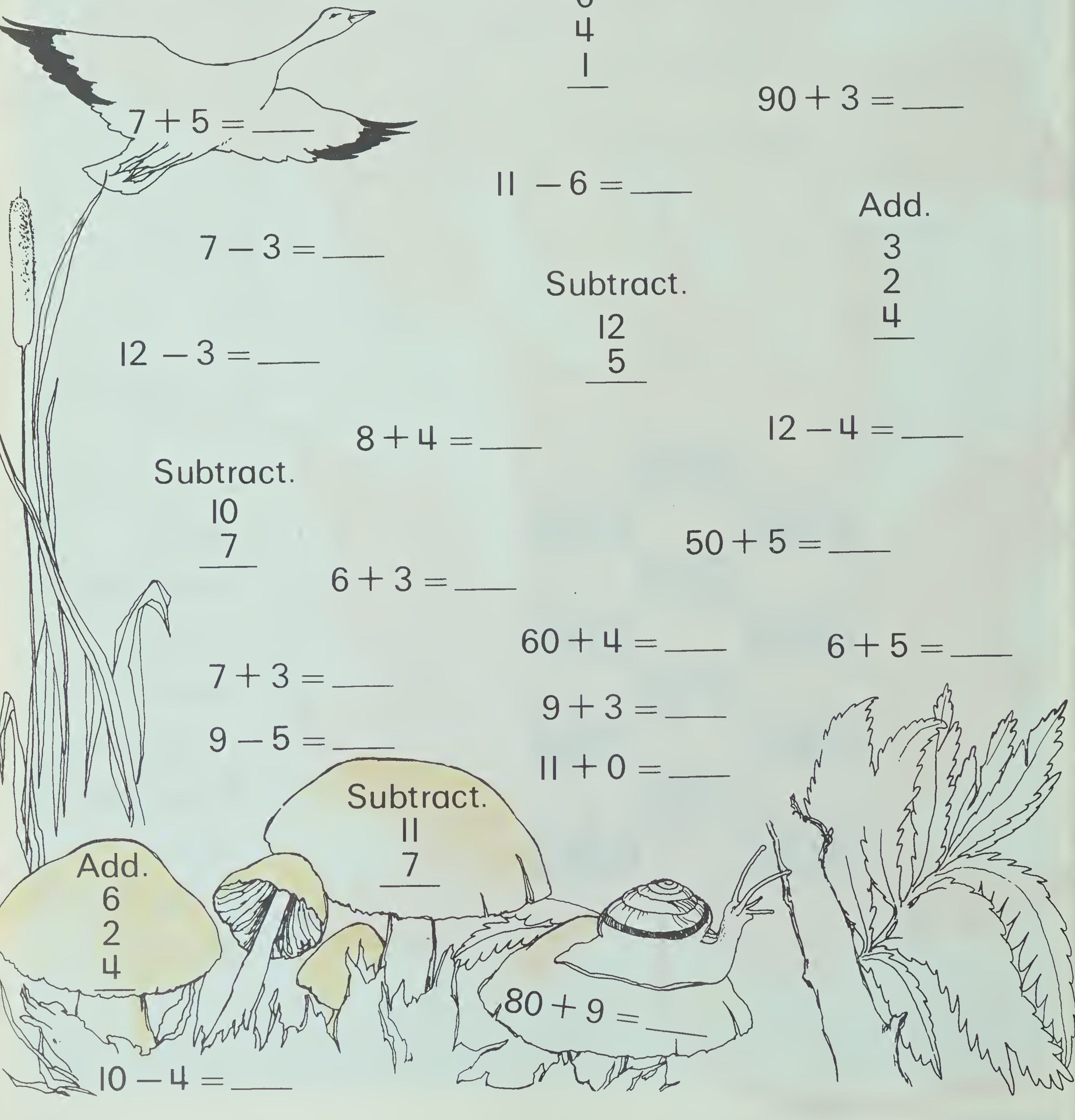
12 − 2 = 10

Complete the questions.

Add.
6
4
1
___

12 − 9 = ___

90 + 3 = ___



7 + 5 = ___

11 − 6 = ___

Add.
3
2
4
___

7 − 3 = ___

Subtract.
12
5
___

12 − 3 = ___

12 − 4 = ___

8 + 4 = ___

Subtract.
10
7
___

50 + 5 = ___

6 + 3 = ___

60 + 4 = ___

6 + 5 = ___

7 + 3 = ___

9 + 3 = ___

9 − 5 = ___

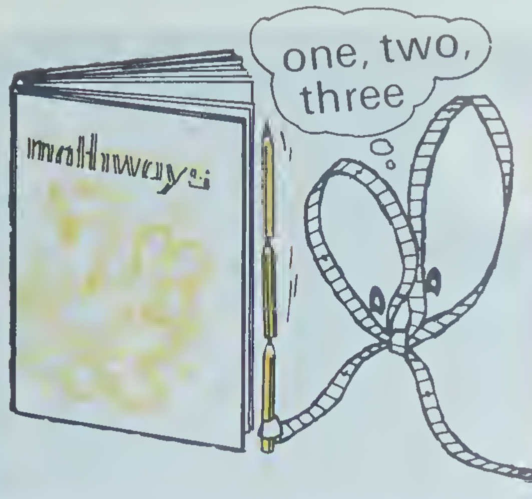
11 + 0 = ___

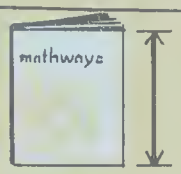
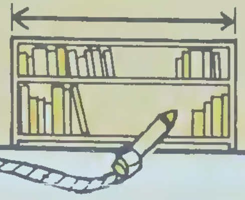
Subtract.
11
7
___

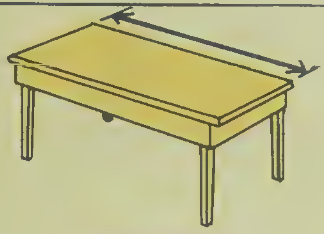
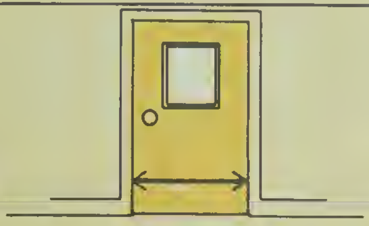
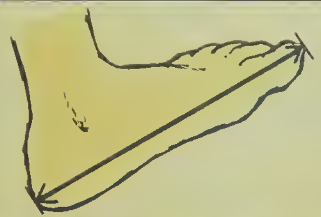
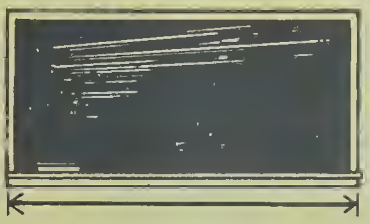
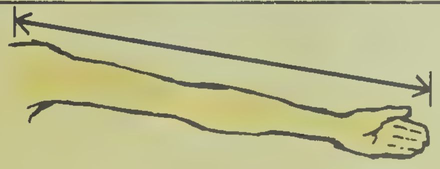
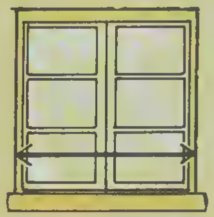
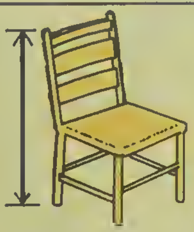
Add.
6
2
4
___

80 + 9 = ___

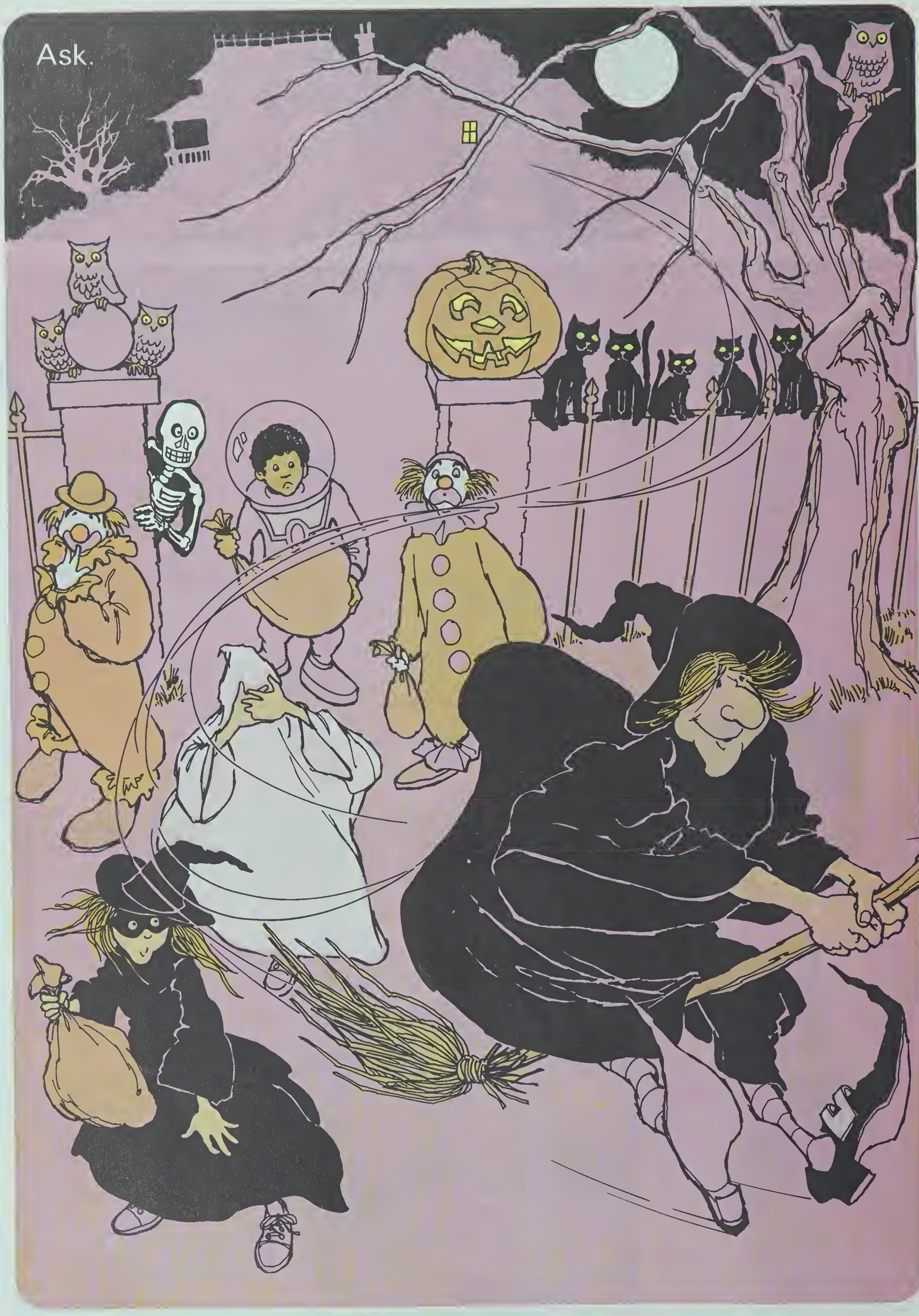
10 − 4 = ___

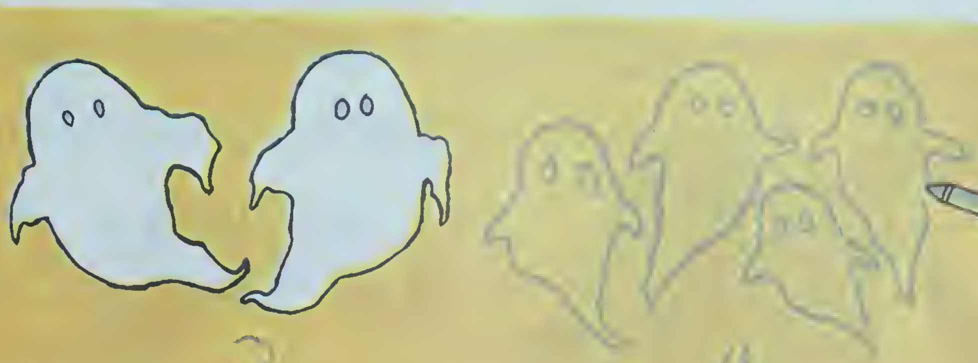

one, two, three
mathways

Object	How many units? (Guess)	Number of units (Measurement)
	2 pencils	3 pencils
	11 straws	15 straws

Object	How many units? (Guess)	Number of units (Measurement)
		
		
		
		
		
		
		

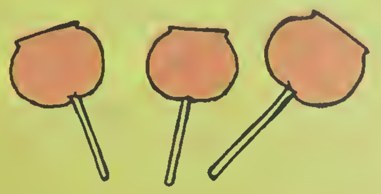
Ask.



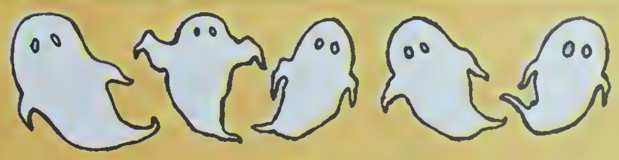


2 + 4 = 6

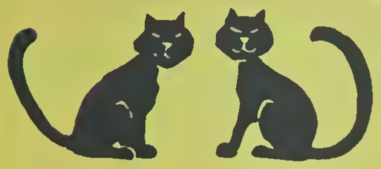
Complete.



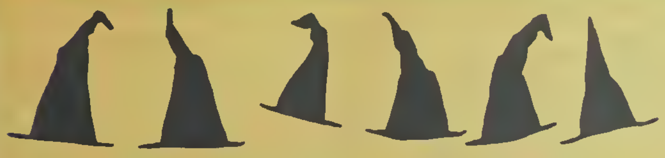
___ + ___ = 12



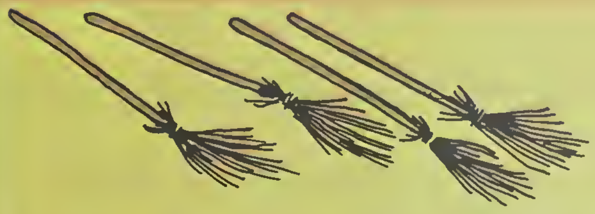
___ + ___ = 10



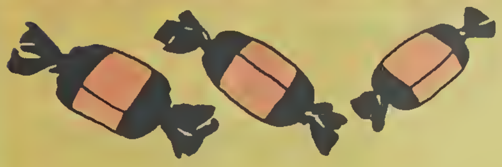
___ + ___ = 9



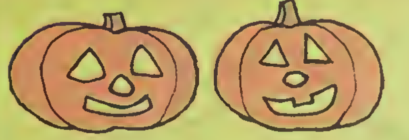
___ + ___ = 12



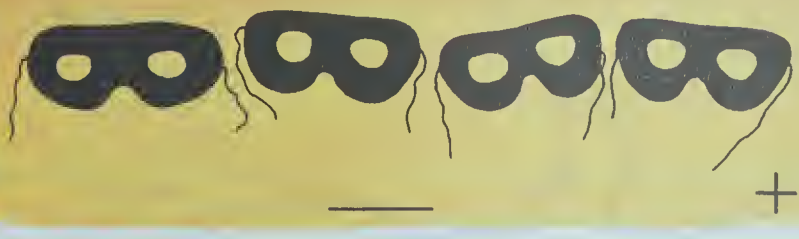
___ + ___ = 11



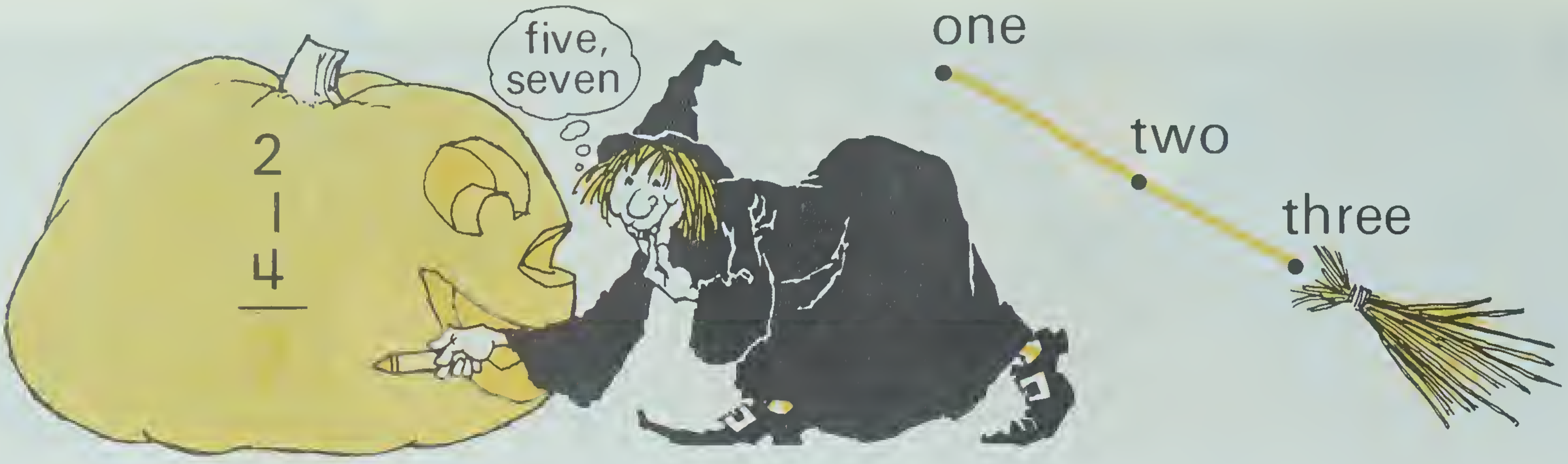
___ + ___ = 8



___ + ___ = 8

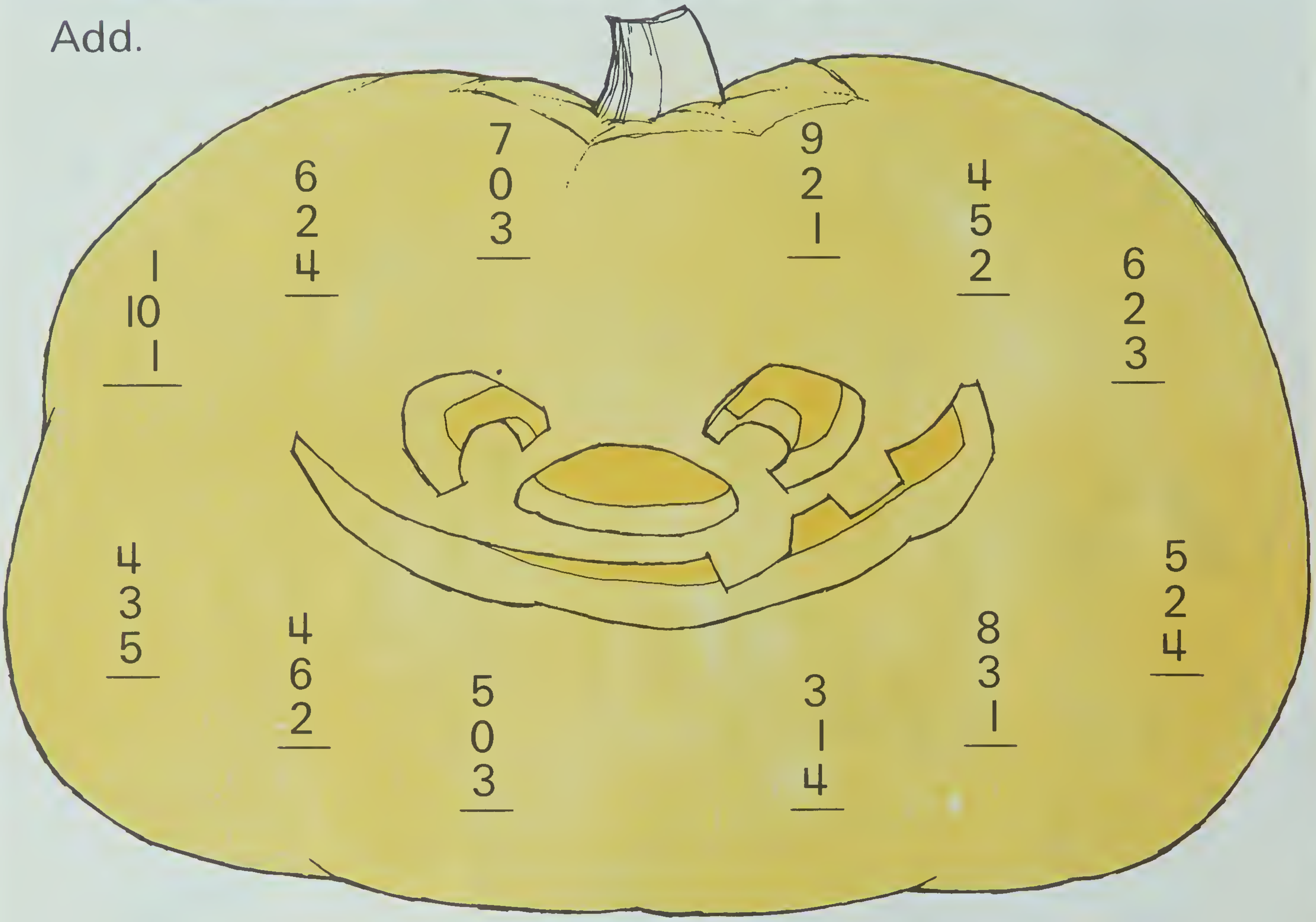


___ + ___ = 7


five, seven
one
two
three

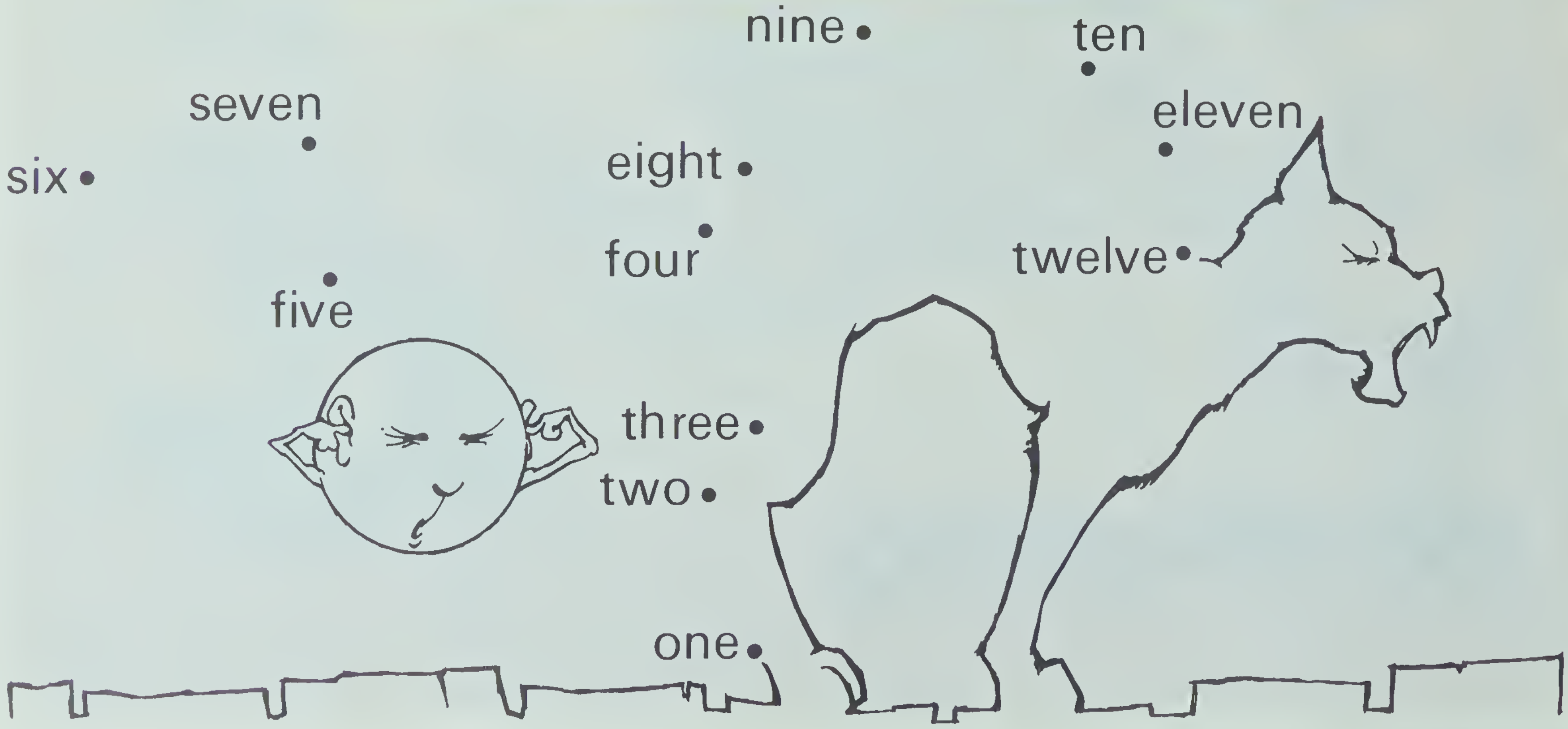
$\begin{array}{r}2\\1\\4\\\hline\end{array}$

Add.



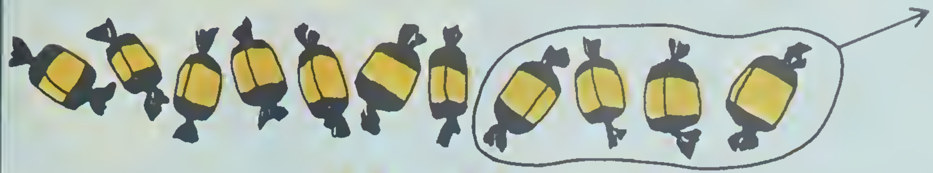
$\begin{array}{r}1\\10\\1\\\hline\end{array}$ $\begin{array}{r}6\\2\\4\\\hline\end{array}$ $\begin{array}{r}7\\0\\3\\\hline\end{array}$ $\begin{array}{r}9\\2\\1\\\hline\end{array}$ $\begin{array}{r}4\\5\\2\\\hline\end{array}$ $\begin{array}{r}6\\2\\3\\\hline\end{array}$

$\begin{array}{r}4\\3\\5\\\hline\end{array}$ $\begin{array}{r}4\\6\\2\\\hline\end{array}$ $\begin{array}{r}5\\0\\3\\\hline\end{array}$ $\begin{array}{r}3\\1\\4\\\hline\end{array}$ $\begin{array}{r}8\\3\\1\\\hline\end{array}$ $\begin{array}{r}5\\2\\4\\\hline\end{array}$


nine
ten
seven
eleven
six
eight
four
twelve
five
three
two
one

I had 11 candies. I gave 4 away.

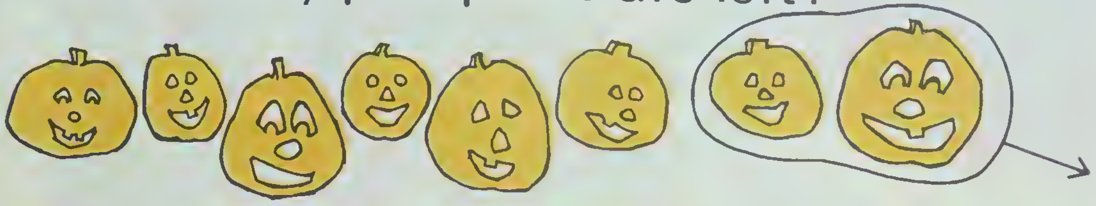
How many candies have I left?



11-4 = 7 candies

There were 8 pumpkins. 2 fell.

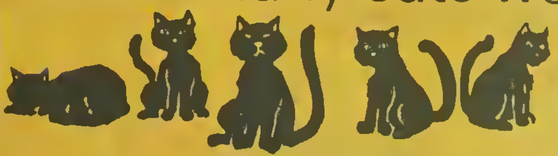
How many pumpkins are left?

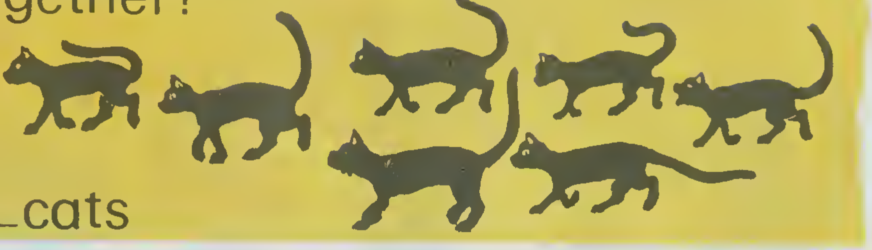


______ = ____pumpkins

I saw 5 cats. 7 more cats came.

How many cats were there altogether?

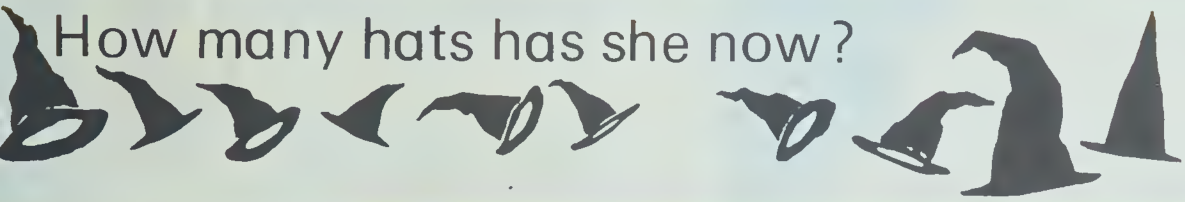




______ = ____cats

The witch had 6 hats. She made 4 more.

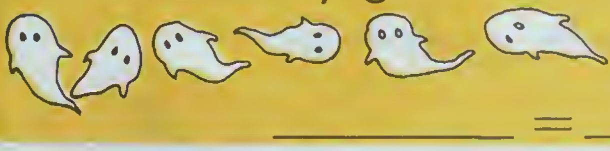
How many hats has she now?

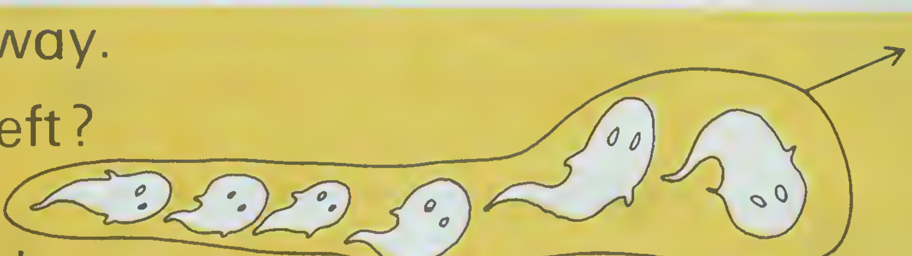


______ = ____hats

I saw 12 ghosts. 6 flew away.

How many ghosts were left?



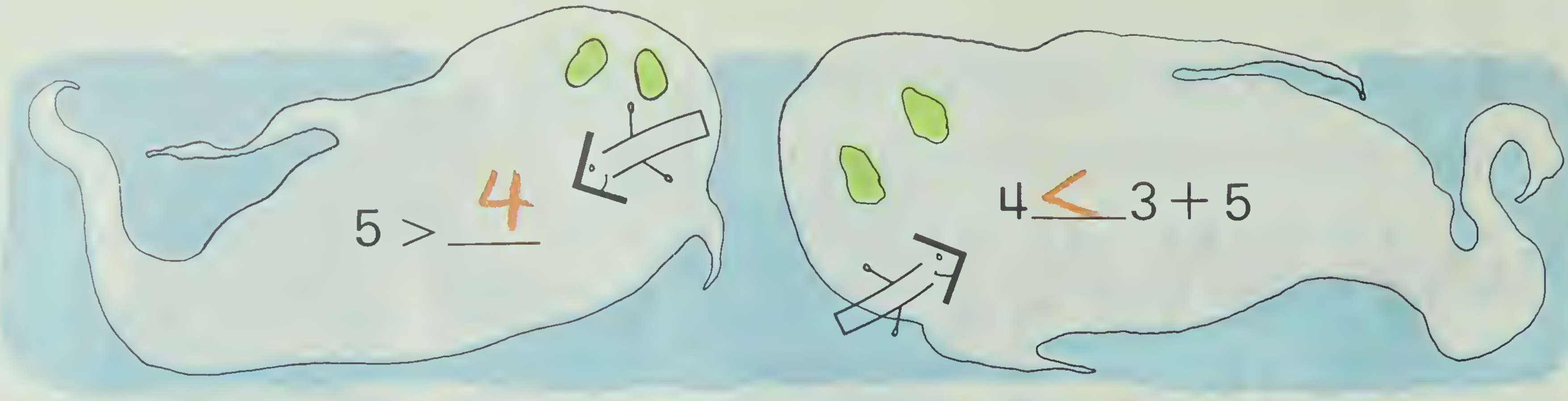


______ = ____ghosts

Draw a story.

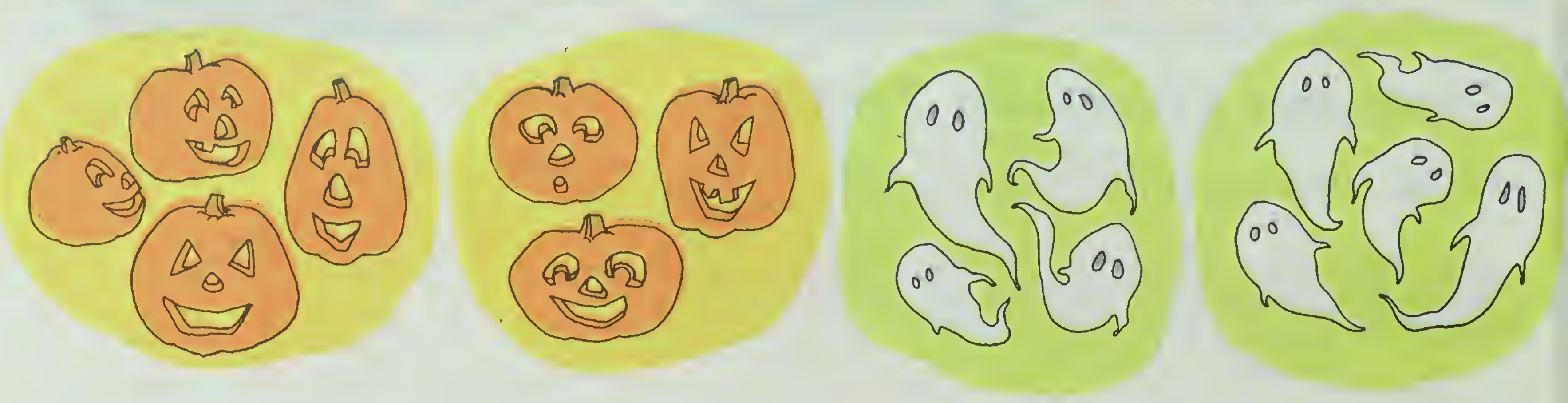
12 − 5 = ____

5 + 6 = ____



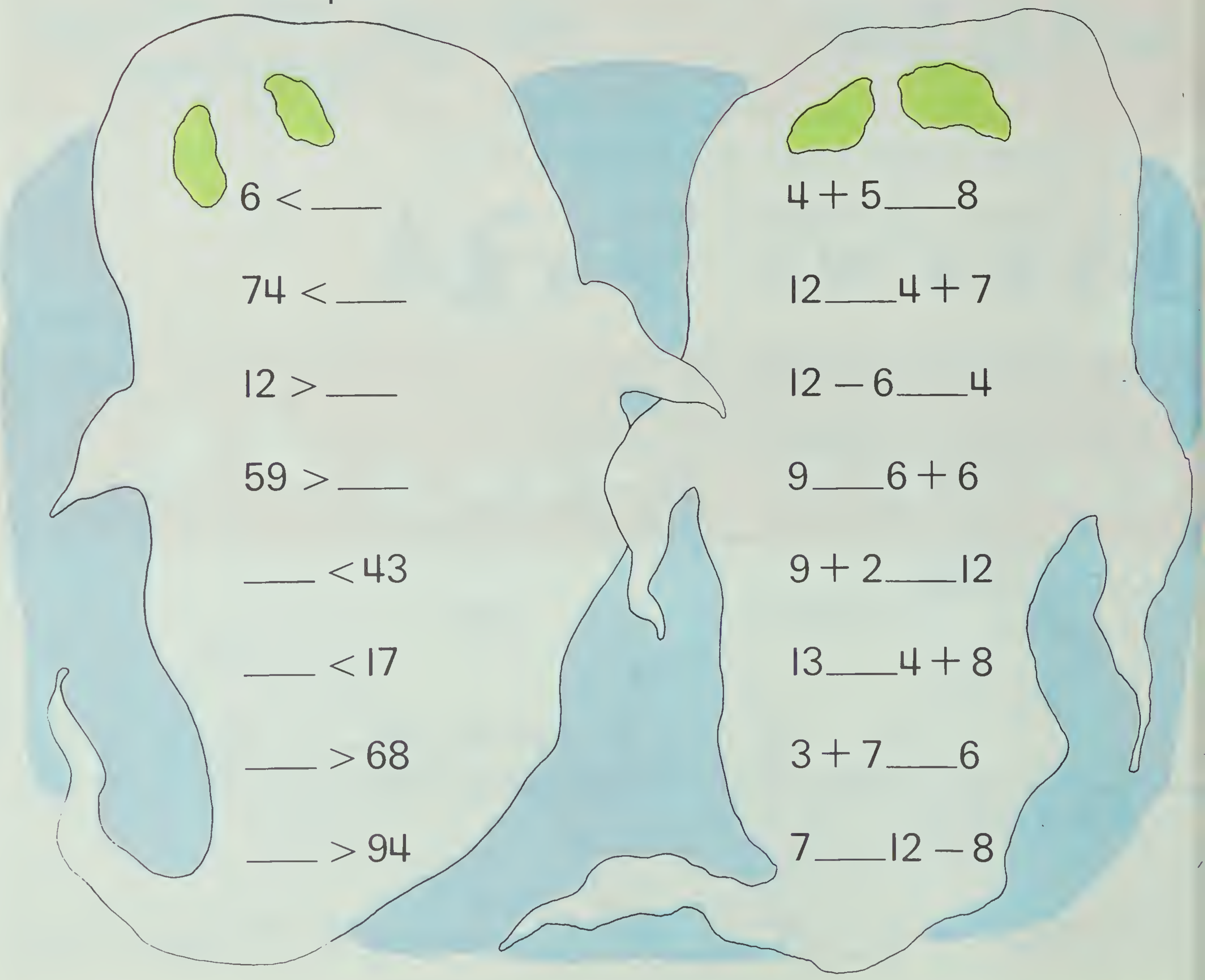
5 > 4

4 < 3 + 5



___ ___ ___   ___ ___ ___

Complete.



6 < ___

74 < ___

12 > ___

59 > ___

___ < 43

___ < 17

___ > 68

___ > 94

Use > or < .

4 + 5 ___ 8

12 ___ 4 + 7

12 − 6 ___ 4

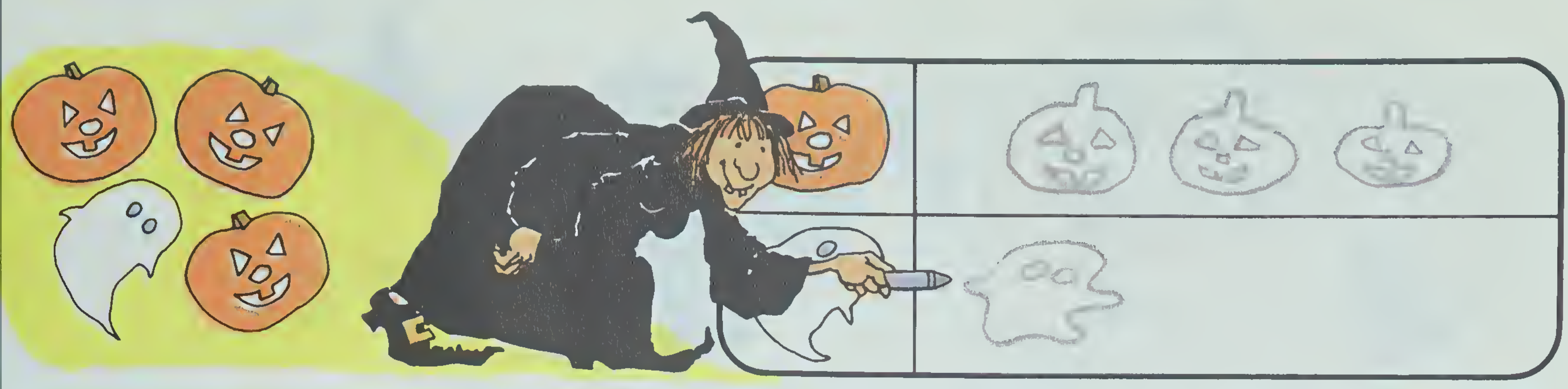
9 ___ 6 + 6

9 + 2 ___ 12

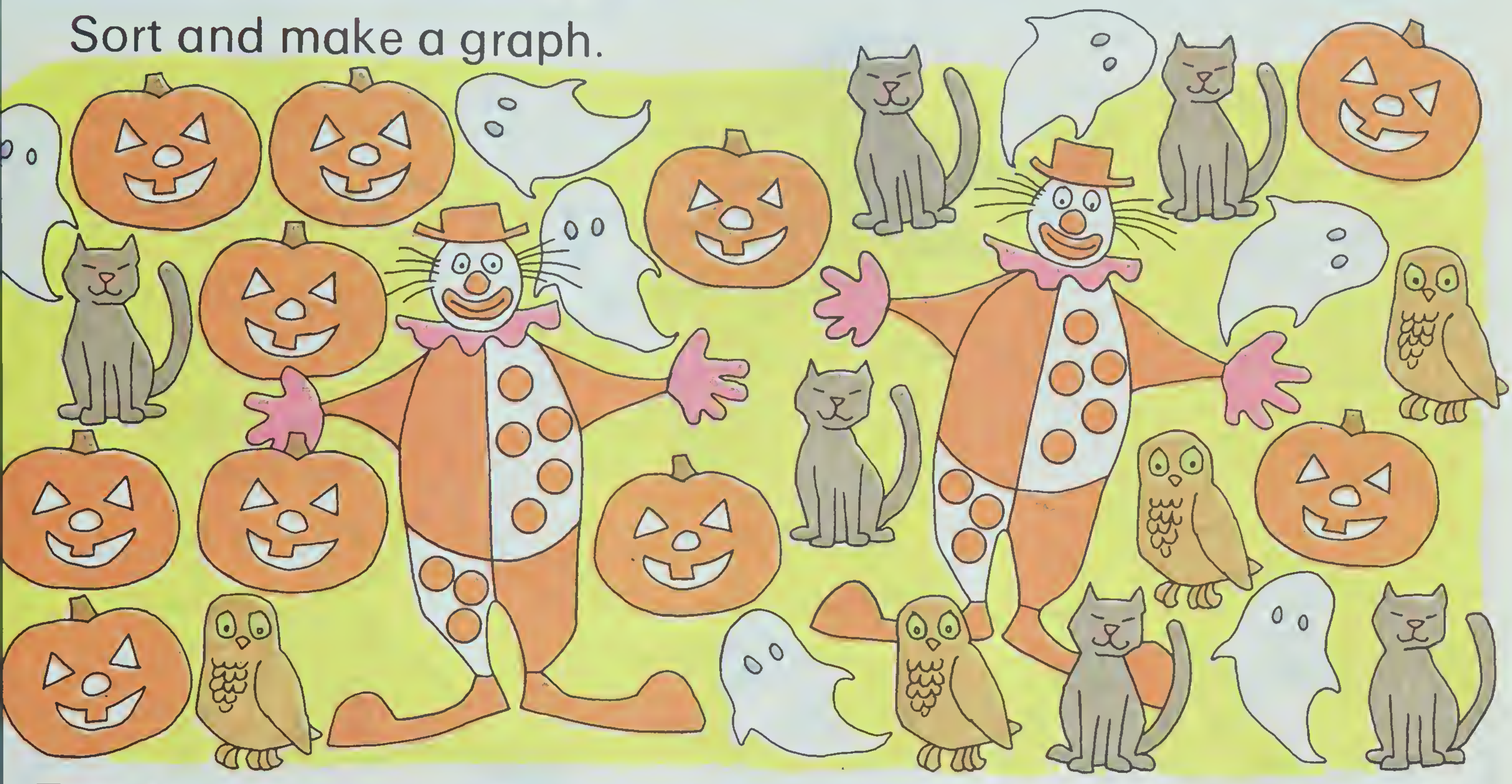
13 ___ 4 + 8

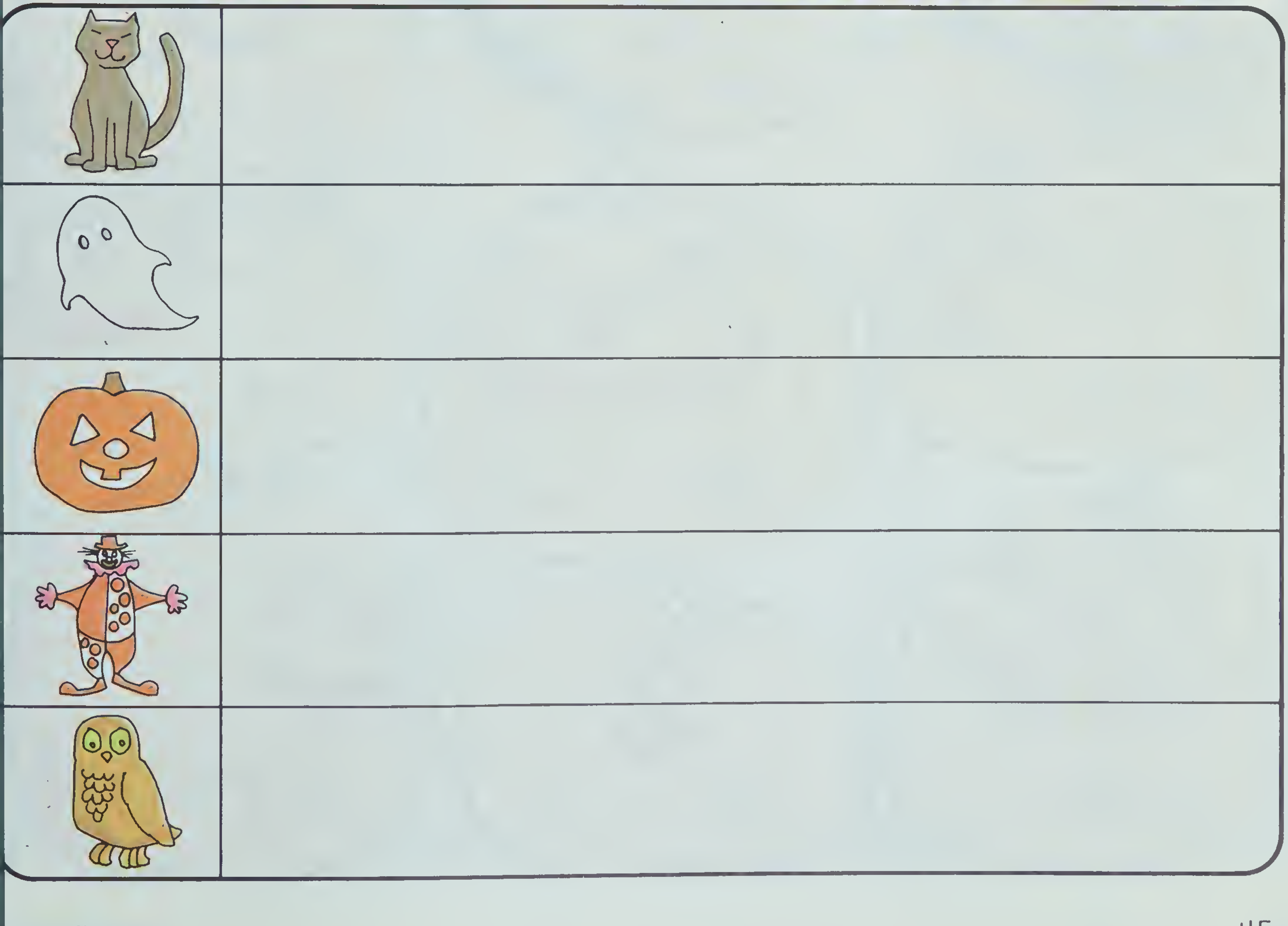
3 + 7 ___ 6

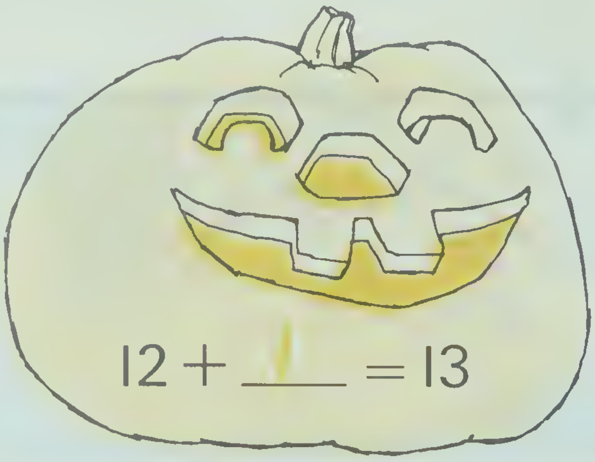
7 ___ 12 − 8



Sort and make a graph.





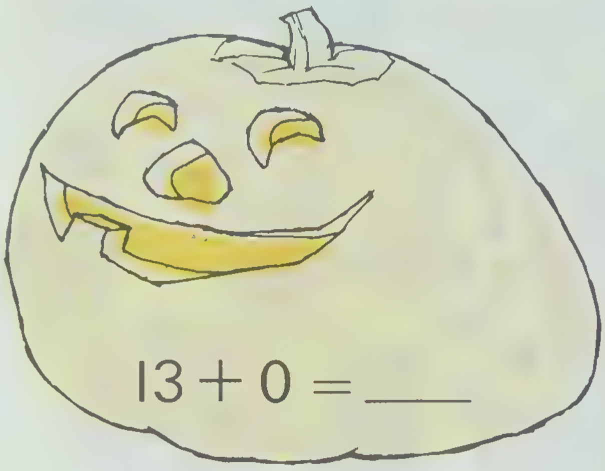


12 + 1 = 13

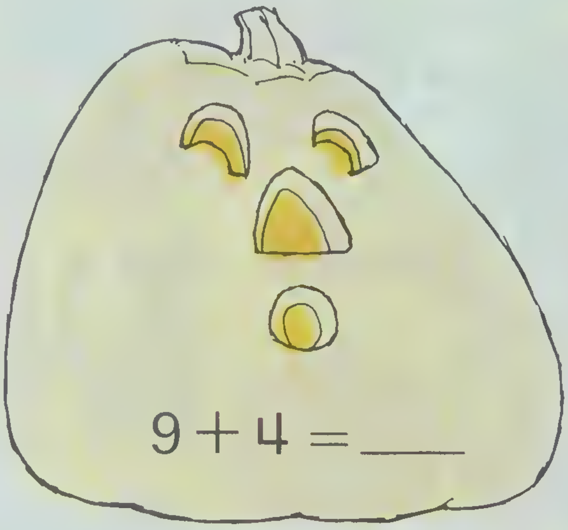
j a c k – o – l a n t e r n

Complete.

t h ___ ___ t e ___ ___

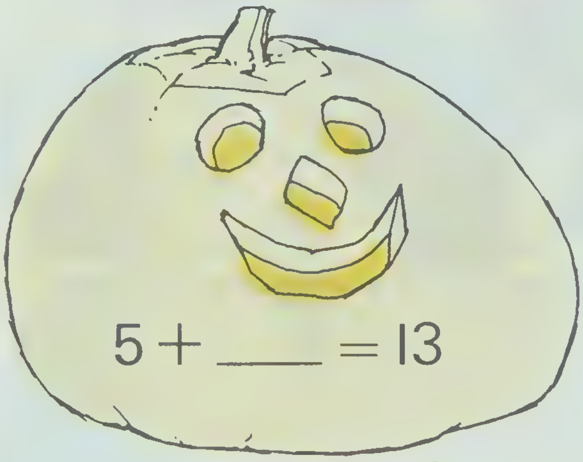


13 + 0 = ___

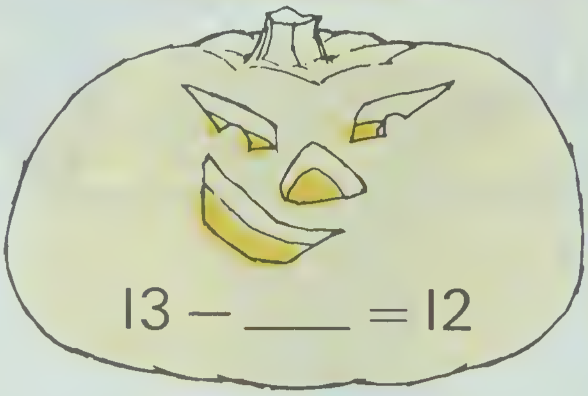


9 + 4 = ___

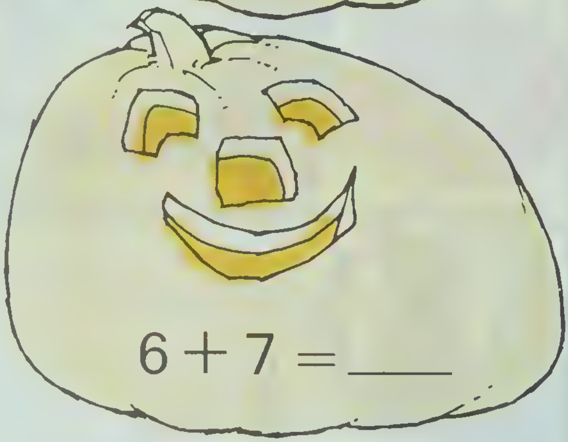
13 – 3 = ___



5 + ___ = 13

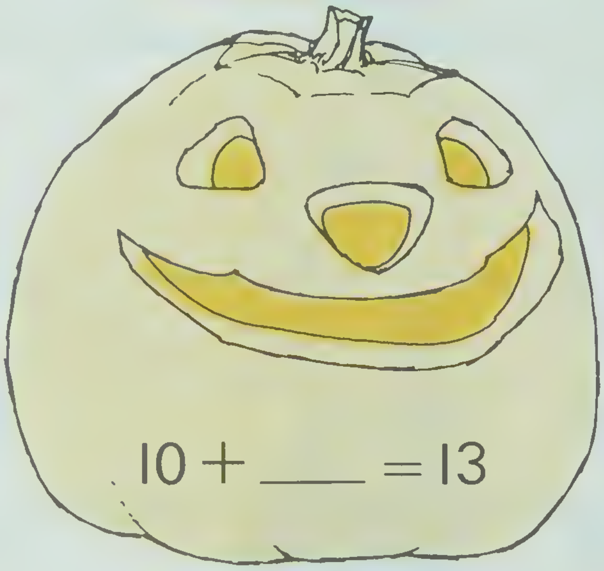


13 – ___ = 12

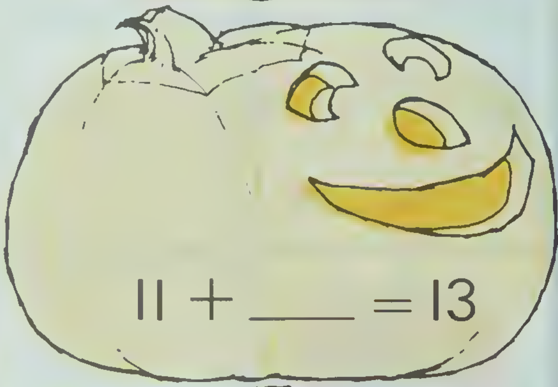


6 + 7 = ___

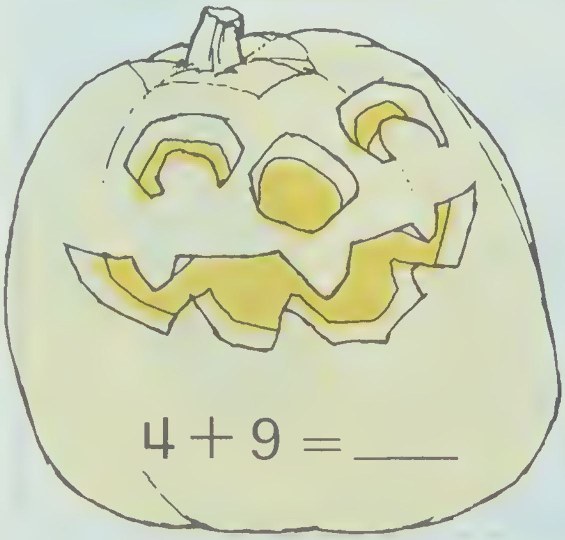
13 – 11 = ___



10 + ___ = 13

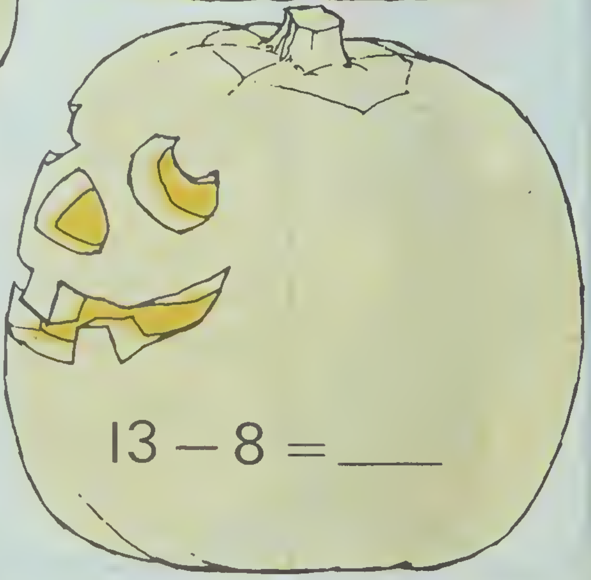


11 + ___ = 13



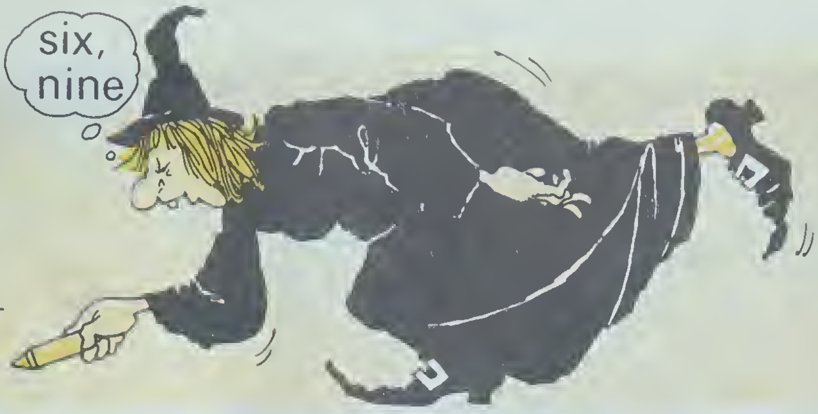
4 + 9 = ___

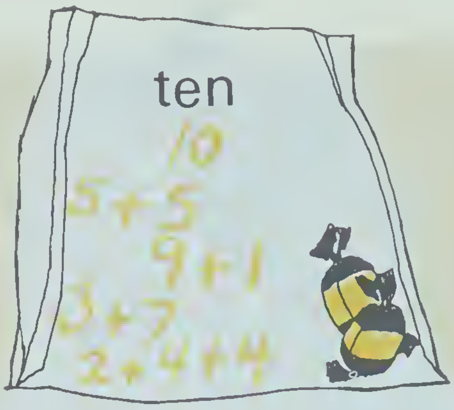
13 – ___ = 7



13 – 8 = ___

$$\begin{array}{r}3\\4\\2\\\hline 9\end{array}$$





ten

10

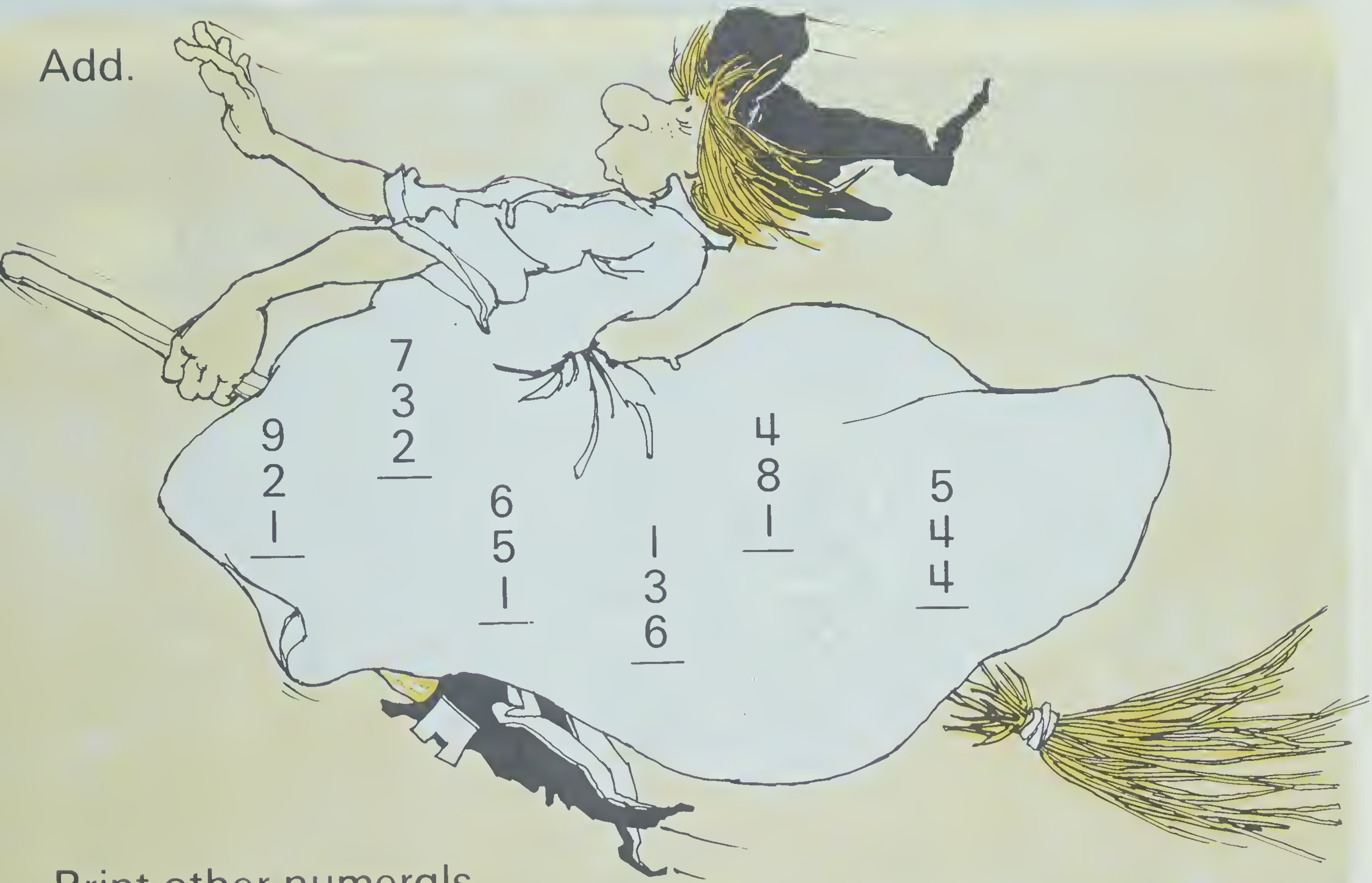
5+5

9+1

3+7

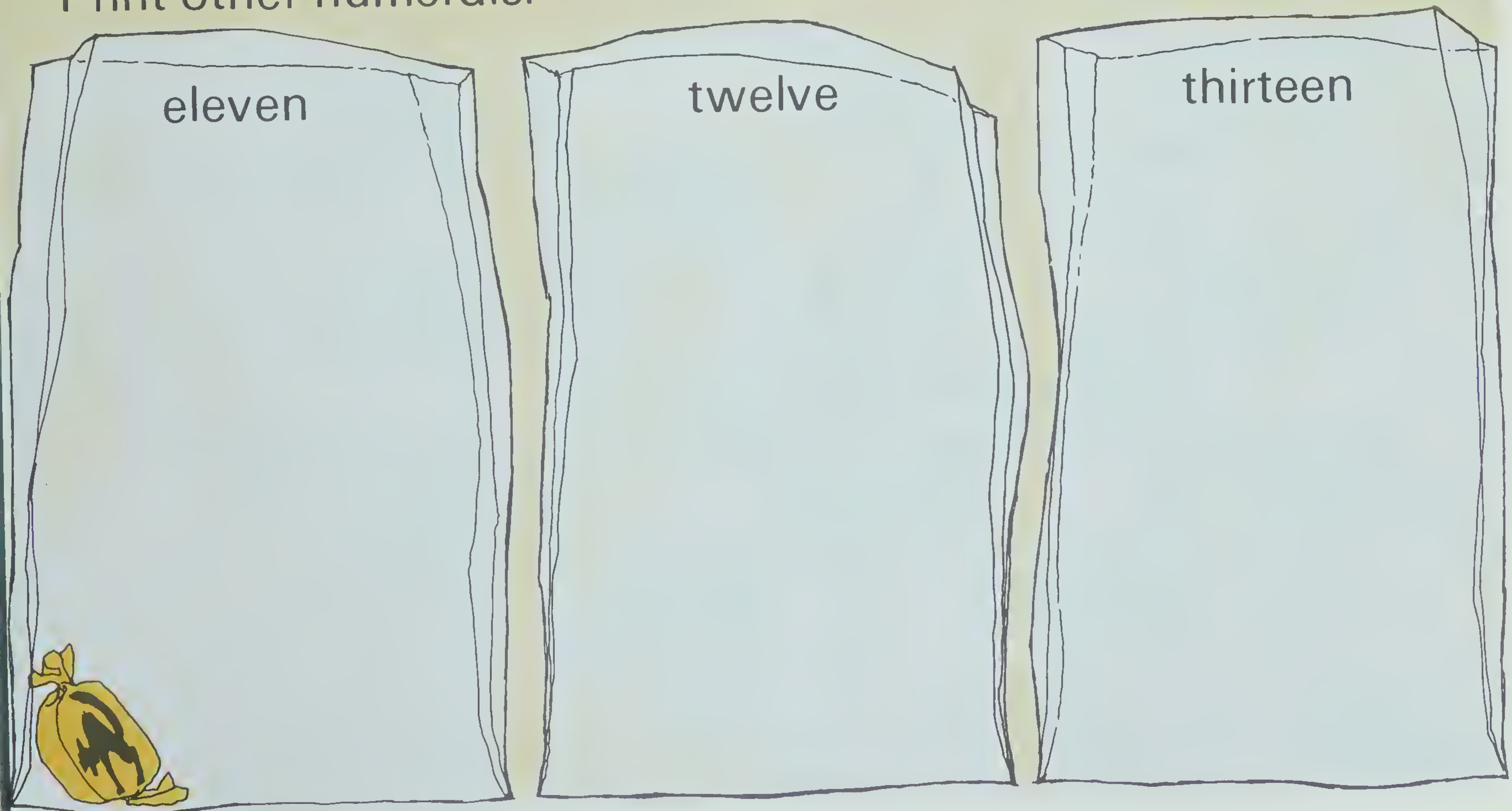
2+4+4

Add.



$$\begin{array}{r}9\\2\\1\\\hline\end{array}\quad\begin{array}{r}7\\3\\2\\\hline\end{array}\quad\begin{array}{r}6\\5\\1\\\hline\end{array}\quad\begin{array}{r}1\\3\\6\\\hline\end{array}\quad\begin{array}{r}4\\8\\1\\\hline\end{array}\quad\begin{array}{r}5\\4\\4\\\hline\end{array}$$

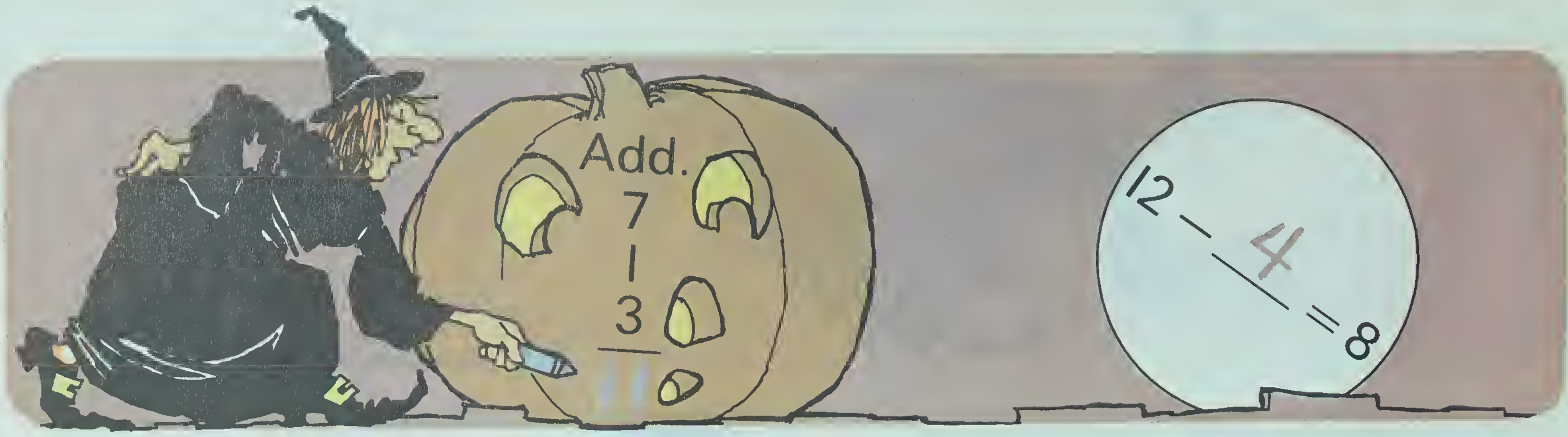
Print other numerals.



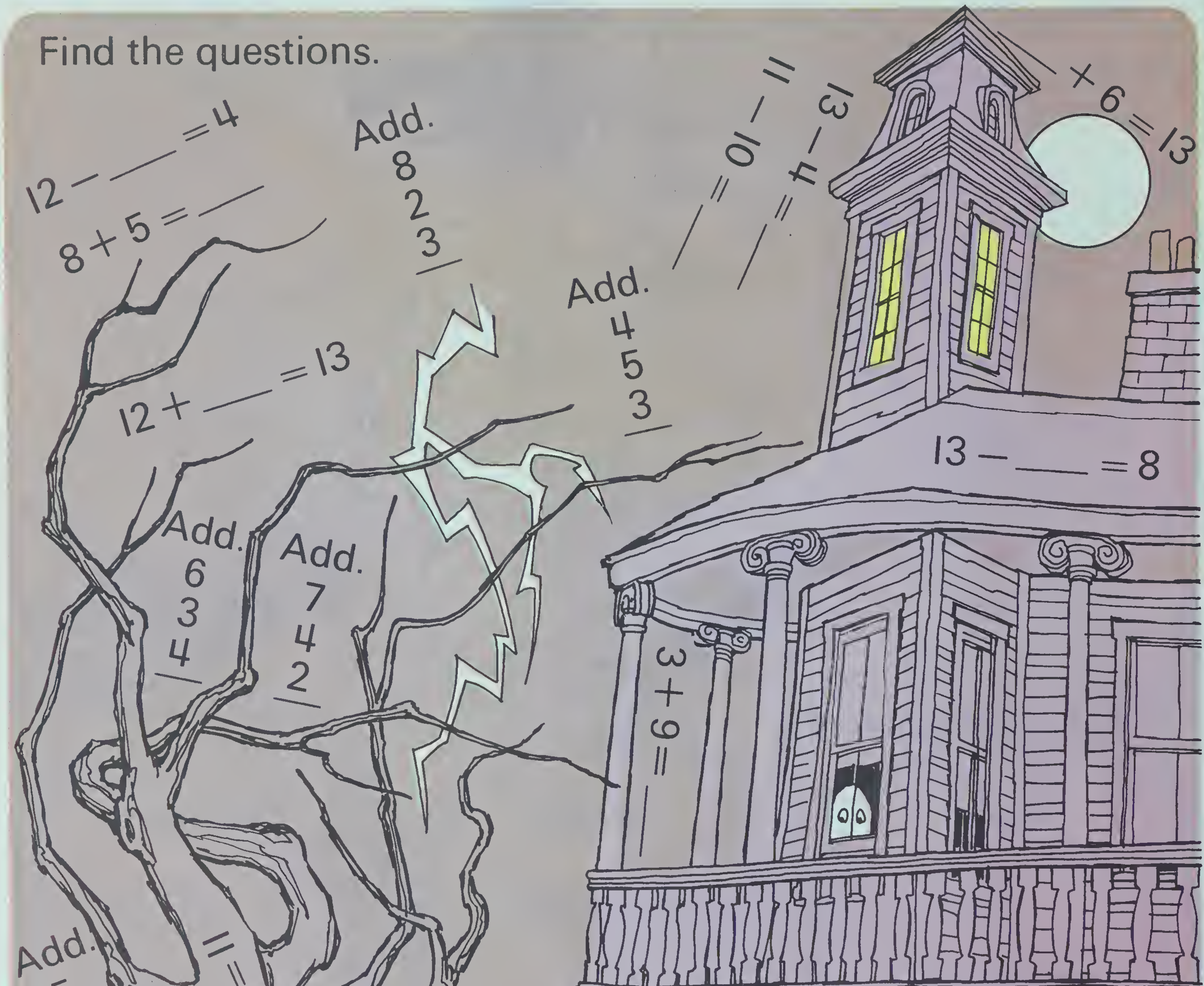
eleven

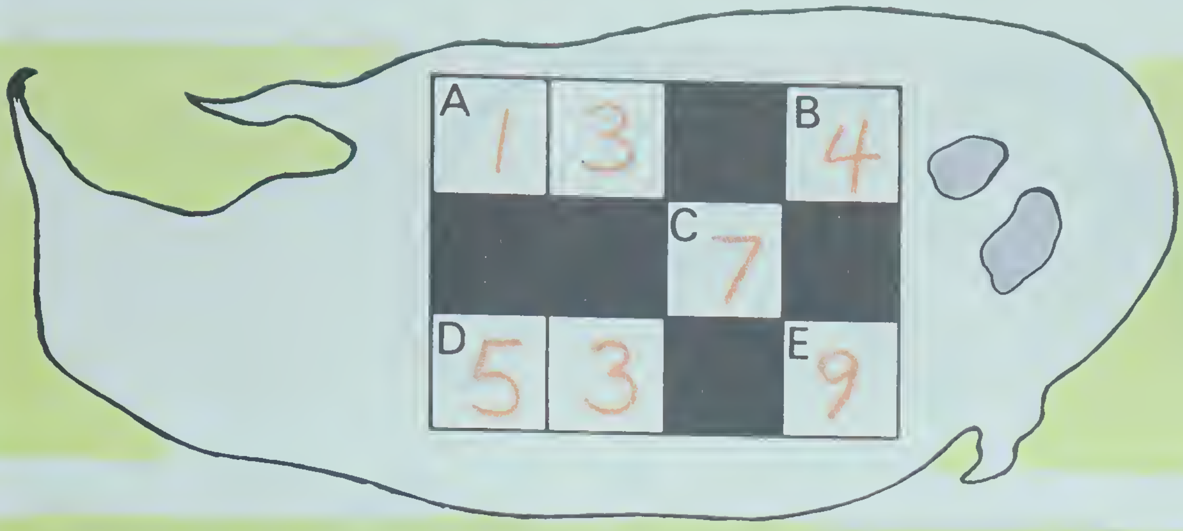
twelve

thirteen


Add.
7
1
3
12 − 4 = 8

Find the questions.

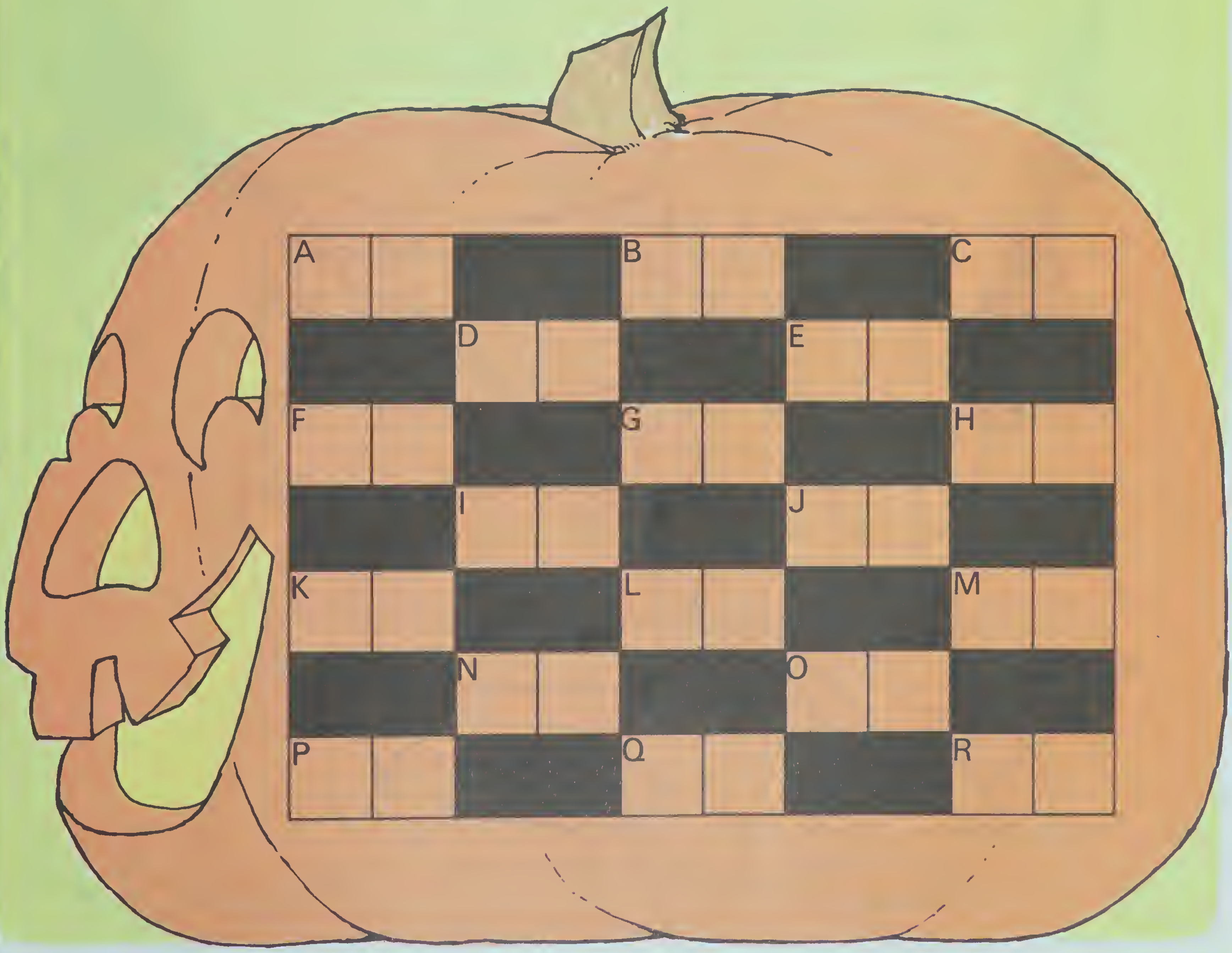

12 − ___ = 4
8 + 5 = ___
Add.
8
2
3
11 − 10 = ___
13 − 4 = ___
___ + 6 = 13
Add.
4
5
3
12 + ___ = 13
13 − ___ = 8
Add.
6
3
4
Add.
7
4
2
3 + 9 = ___
Add.
5
3
5
___ + 4 = 11
13 − ___ = 3
Add.
2
3
6
11 − ___ = 2
11 + ___ = 12
13 − 9 = ___
12 − 2 = ___

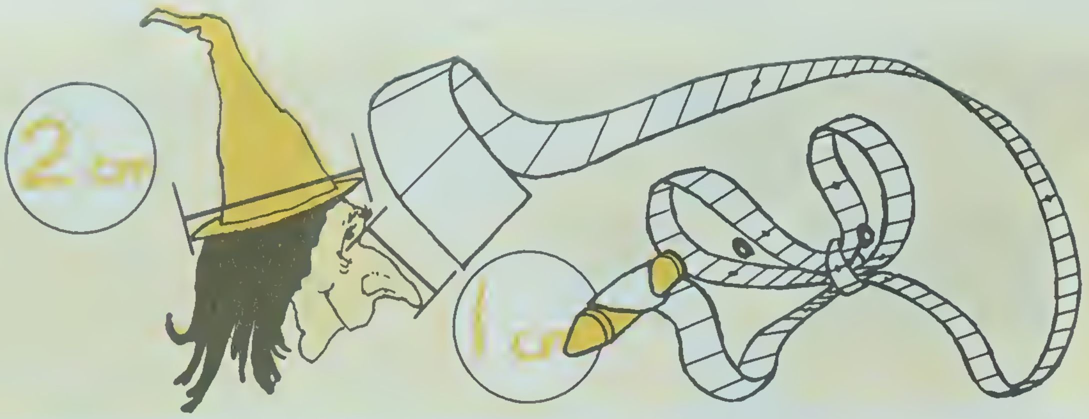

A
1
3
B
4
C
7
D
5
3
E
9

A	7 + 6
B	13 − 9
C	13 − 6
D	5 tens and 3
E	12 − 3

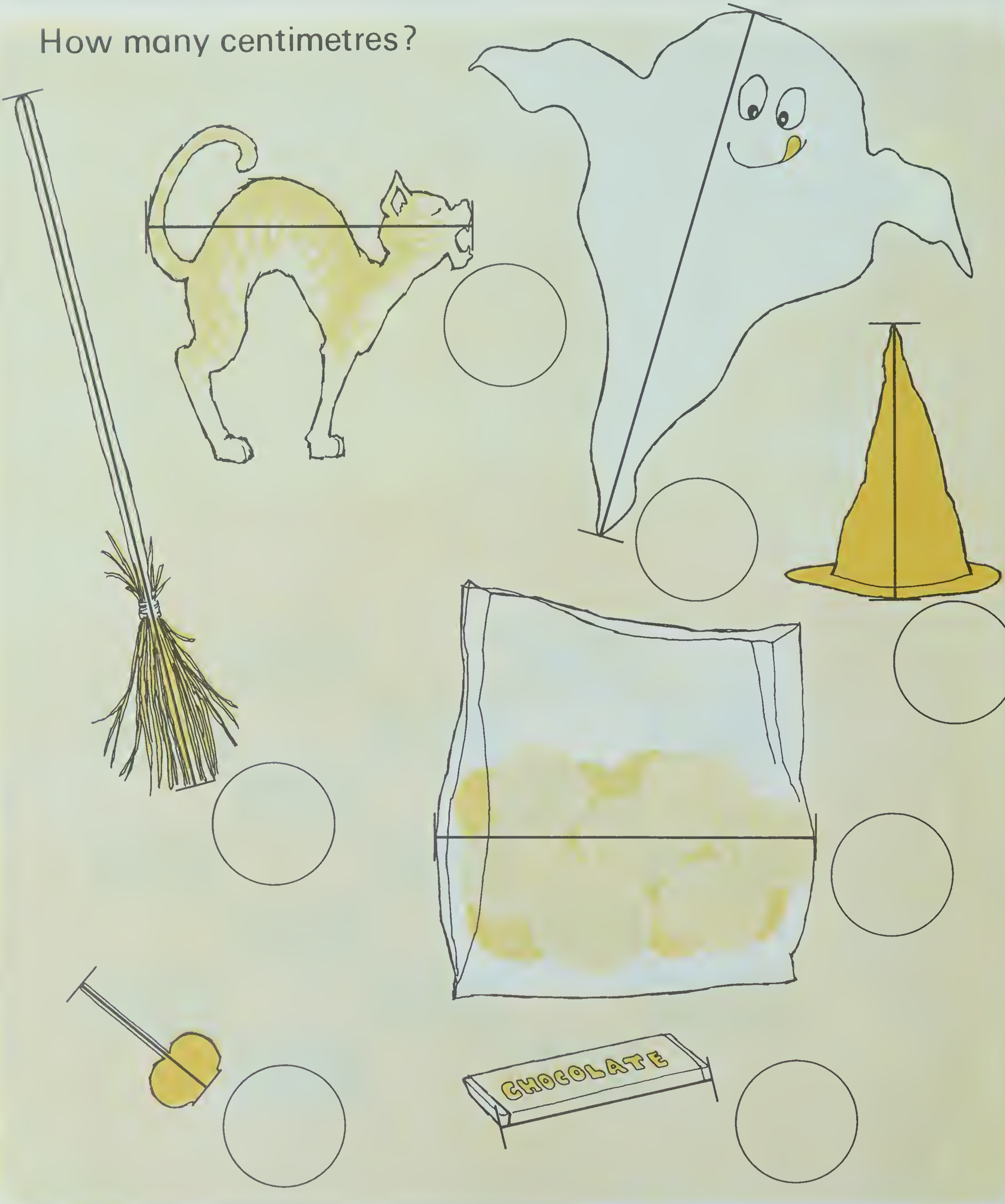
Complete.

A	2 + 11	G	4 tens and 2	M	7 + 6
B	1 ten and 3	H	3 + 9	N	13 − 0
C	6 + 5	I	7 + 5	O	2 tens and 9
D	30 + 7	J	13 − 2	P	10 + 3
E	8 + 3	K	70 + 6	Q	13 − 1
F	0 + 13	L	11 − 0	R	20 + 4


A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R



How many centimetres?

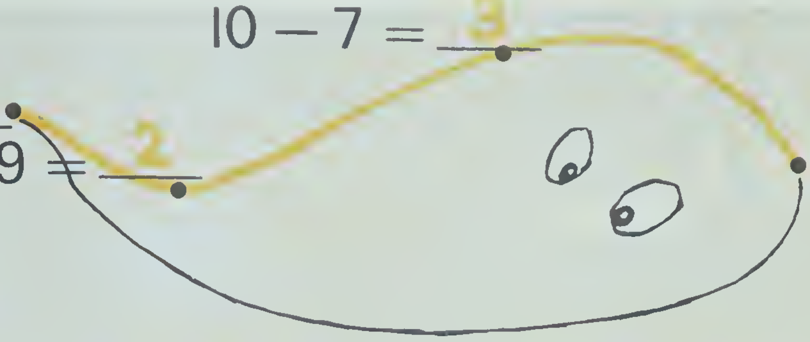


10 − 7 = 3

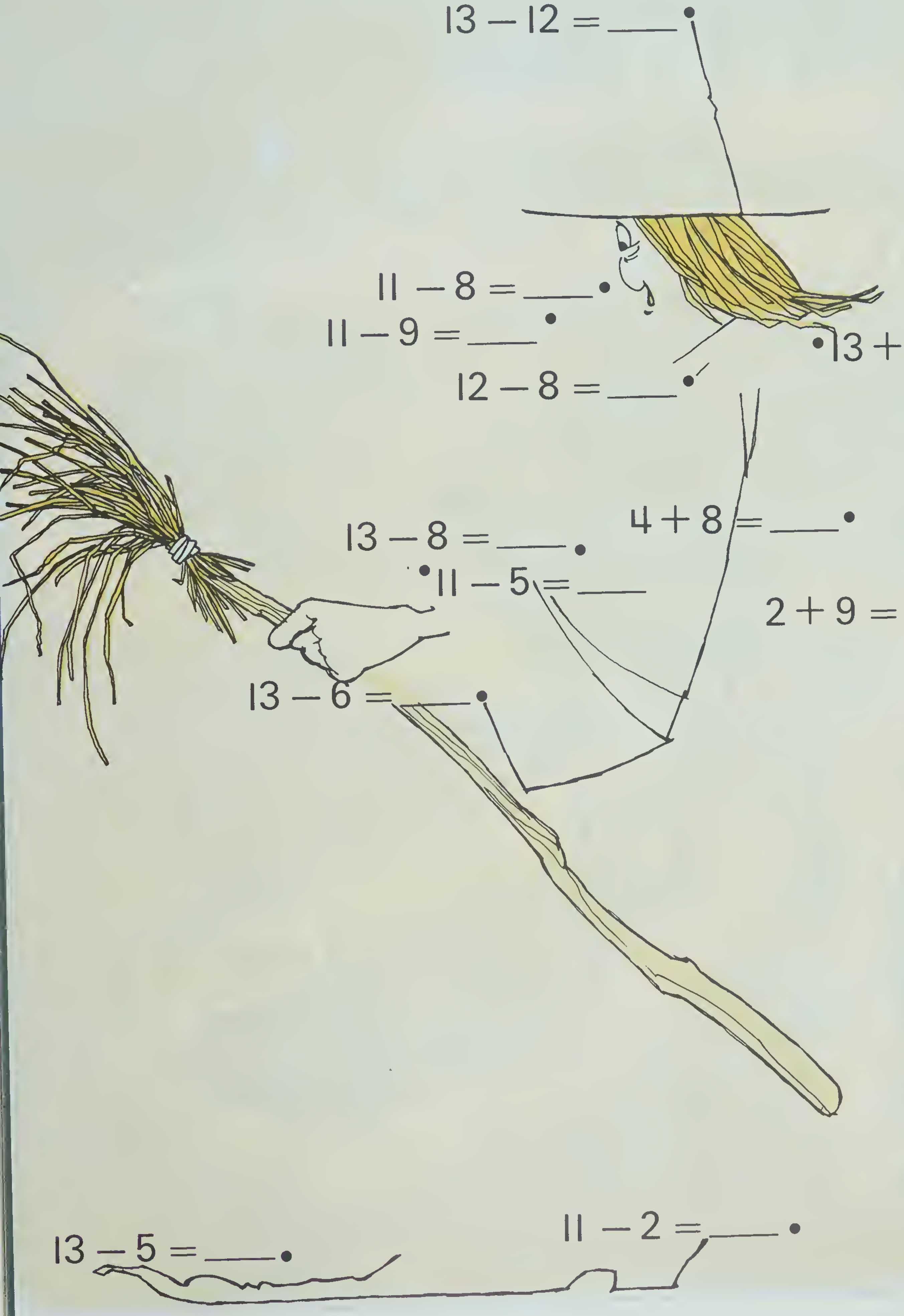
10 − 9 = 1

11 − 9 = 2

11 − 7 = 4



Complete the questions and join the dots.



13 − 12 = ____

11 − 8 = ____

11 − 9 = ____

13 + 0 = ____

12 − 8 = ____

4 + 8 = ____

13 − 8 = ____

11 − 5 = ____

2 + 9 = ____

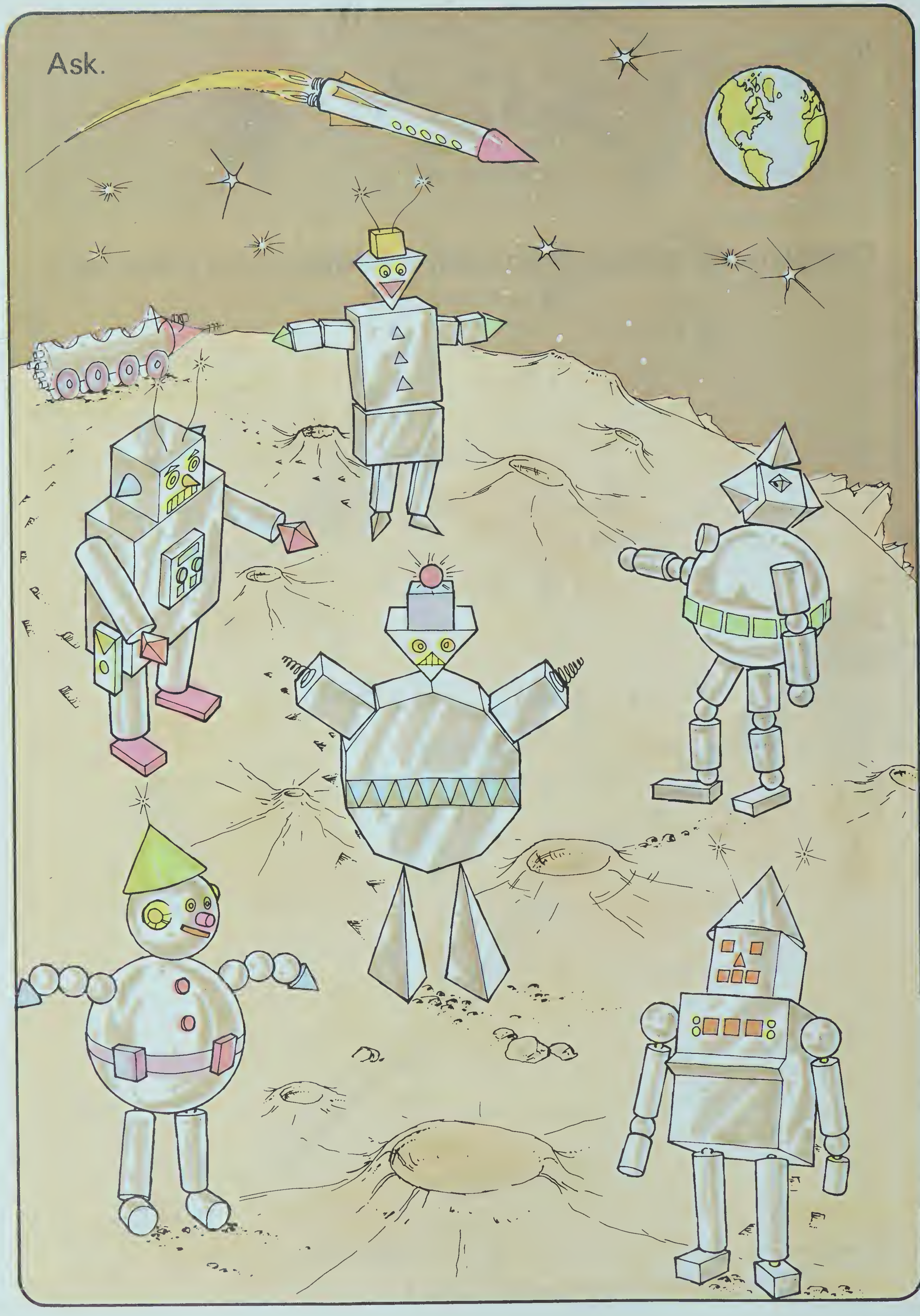
13 − 6 = ____

5 + 5 = ____

11 − 2 = ____

13 − 5 = ____

Ask.

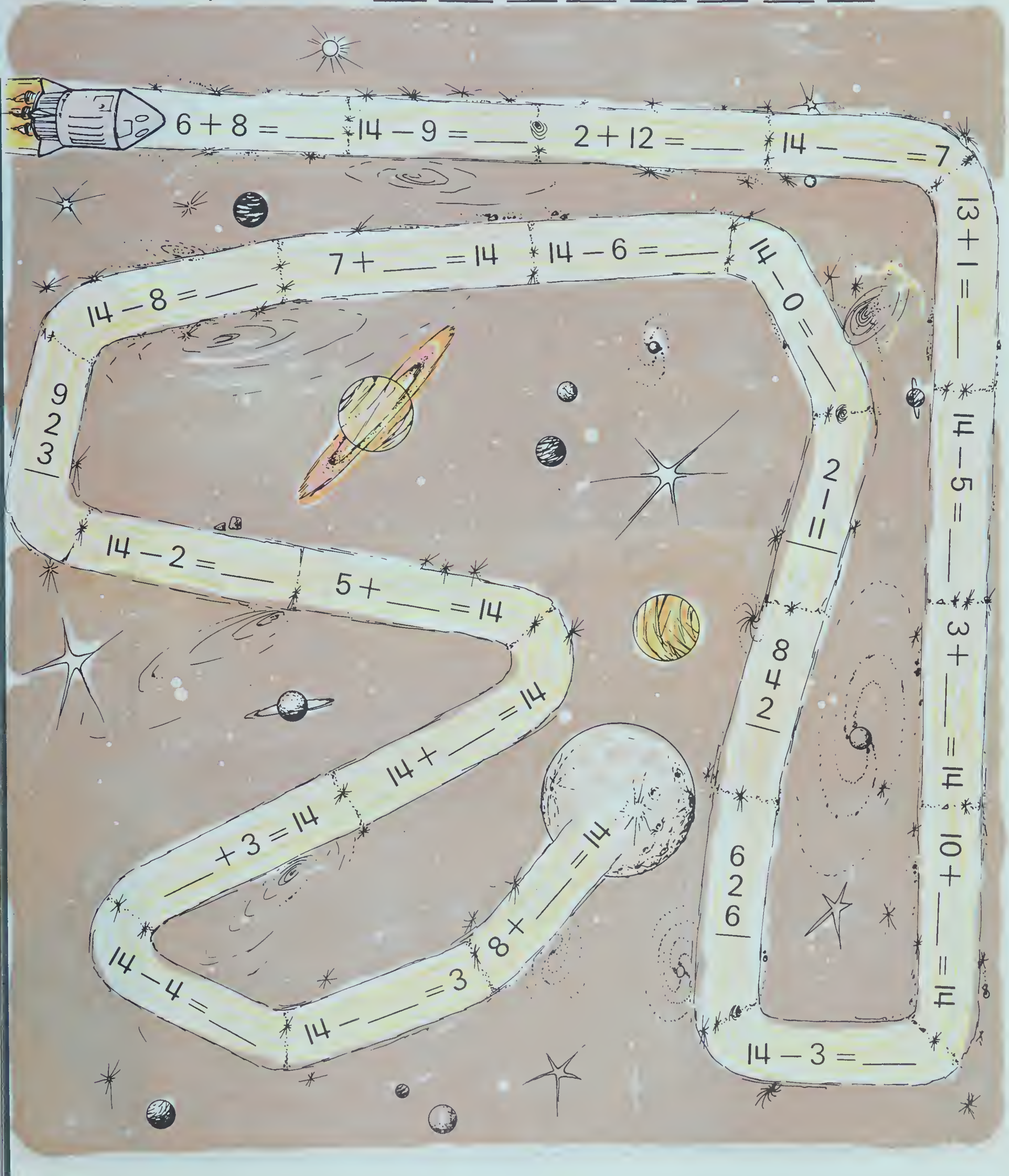


4 + 10 = 14

14 − 7 = 7

8 + 6 = 14

Spaceway. f ___ u ___ t ___ ___ ___



6 + 8 = ___

14 − 9 = ___

2 + 12 = ___

14 − ___ = 7

13 + 1 = ___

14 − 5 = ___

3 + ___ = 14

10 + ___ = 14

14 − 3 = ___

6
2
6
___

8
4
2
___

2
1
11
___

14 − 0 = ___

14 − 6 = ___

7 + ___ = 14

14 − 8 = ___

9
2
3
___

14 − 2 = ___

5 + ___ = 14

14 + ___ = 14

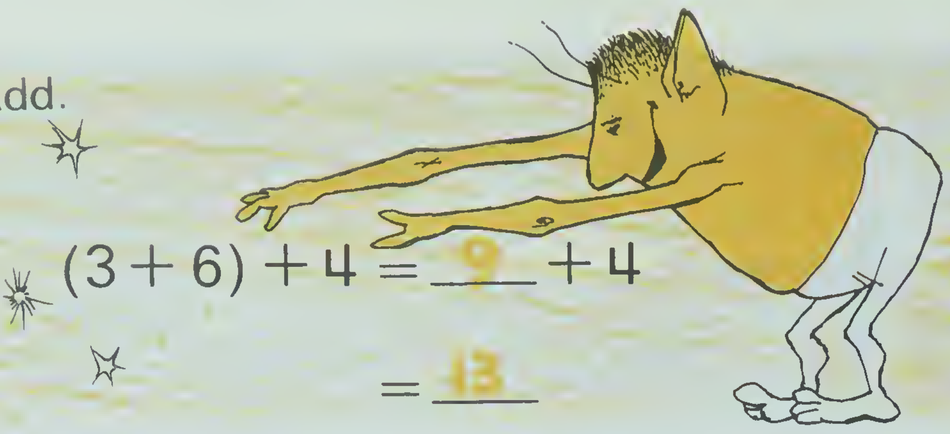
___ + 3 = 14

14 − 4 = ___

14 − ___ = 3

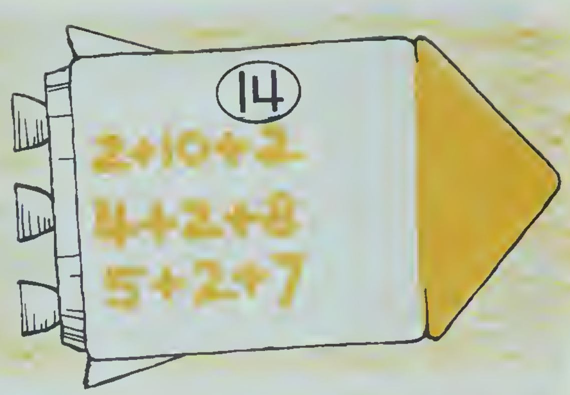
8 + ___ = 14

Add.



(3 + 6) + 4 = 9 + 4

= 13



⑭

2+10+2

4+2+8

5+2+7

Complete.

(6 + 4) + 4 = ___ + 4

= ___

(5 + 2) + 3 = ___ + 3

= ___

(2 + 3) + 6 = ___ + 6

= ___

(7 + 2) + 2 = ___ + 2

= ___

(7 + 1) + 6 = ___ + 6

= ___

(9 + 1) + 3 = ___ + 3

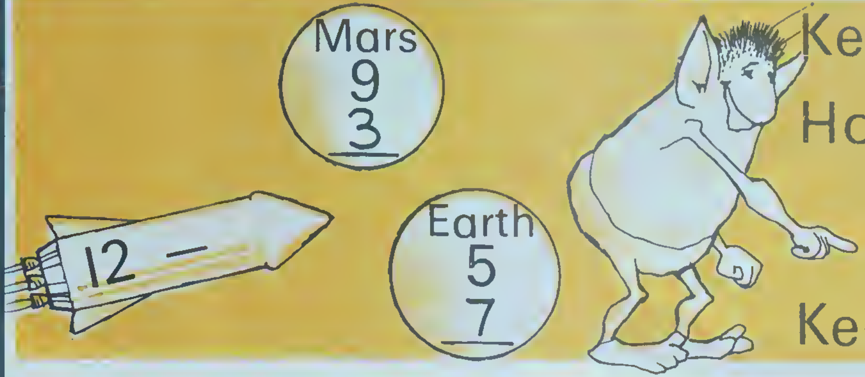
= ___

Add.

4	3	8	6	5	5
7	2	2	5	2	4
2	8	4	3	5	5

Print other numerals.

⑪	⑫	⑬

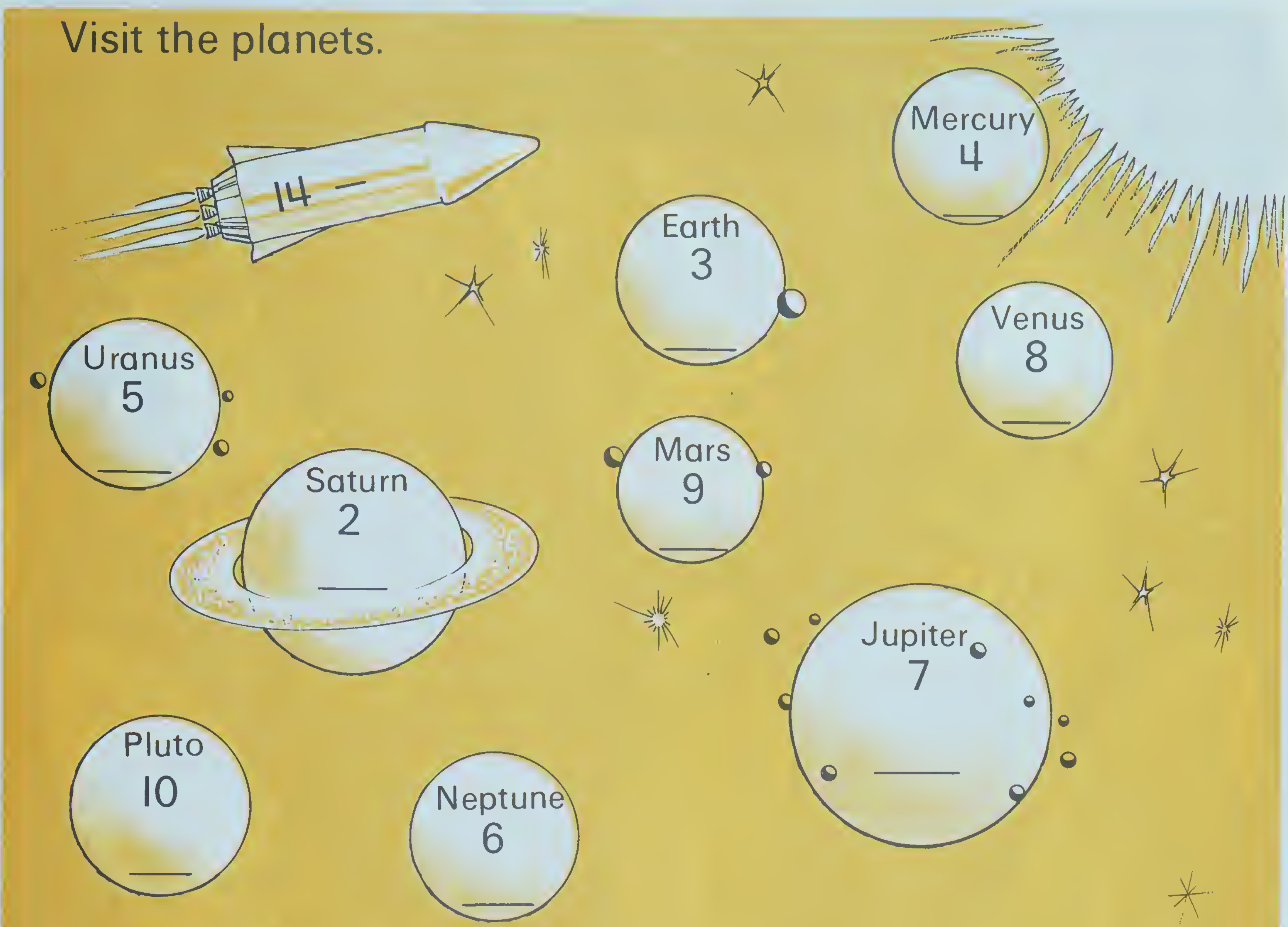

Mars
9
3
12 –
Earth
5
7

Keith saw 6 stars, then 8 more stars.
How many stars did Keith see?

6+8=14

Keith saw 14 stars.

Visit the planets.


14 –
Mercury
4
Earth
3
Venus
8
Uranus
5
Saturn
2
Mars
9
Jupiter
7
Pluto
10
Neptune
6

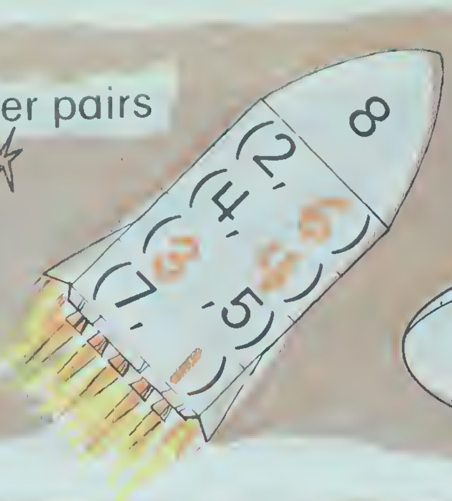
Noreen had 13 space books. She gave Sheila 7.
How many space books does Noreen have left?

____

Noreen has____space books left.

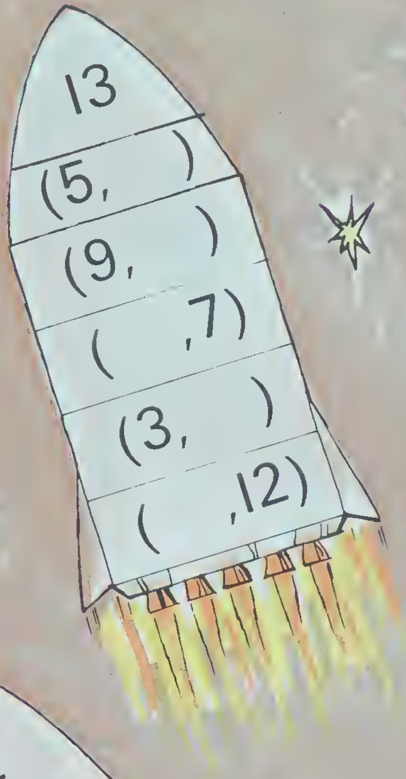
Make up a story.

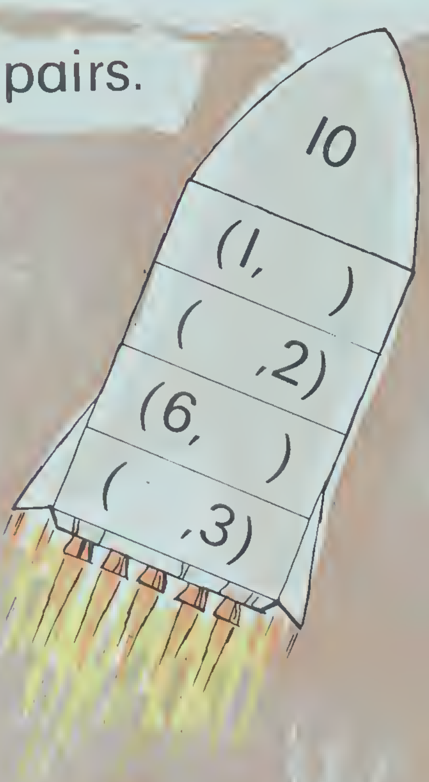
Number pairs

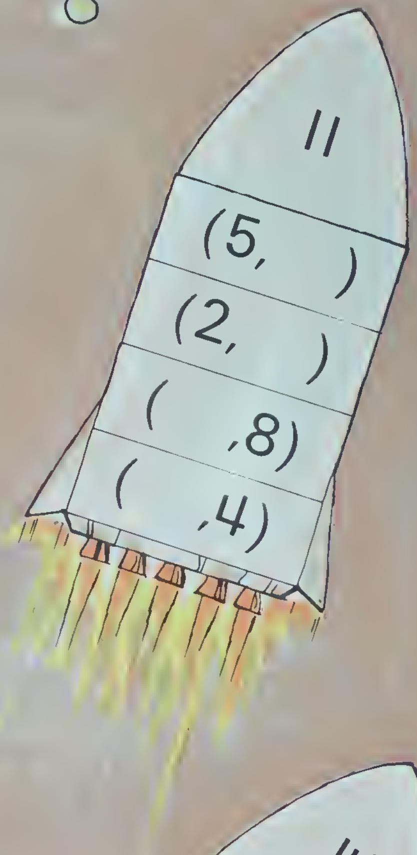

8
(2, 6)
(4, 4)
(3, 5)
(7, 1)

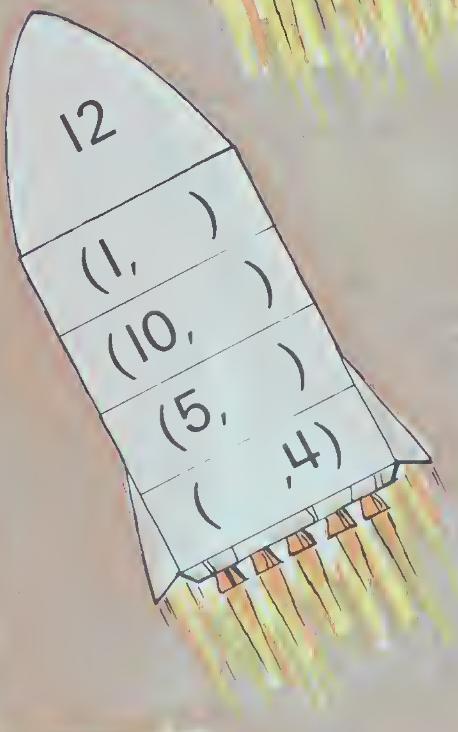
Add.
(6,3) 9

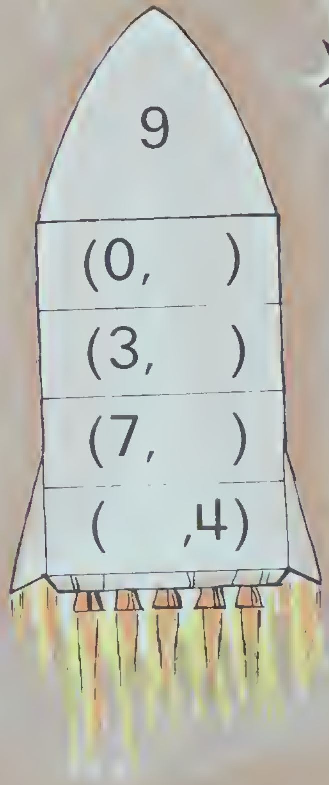
Complete the number pairs.

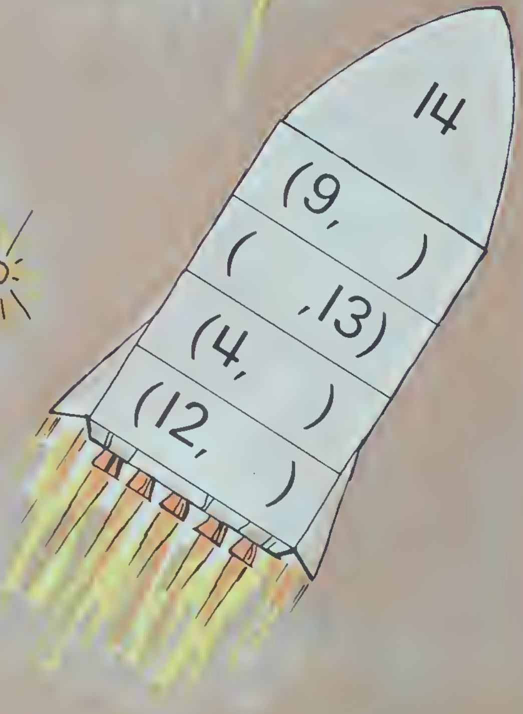

13
(5,)
(9,)
(,7)
(3,)
(,12)


10
(1,)
(,2)
(6,)
(,3)


11
(5,)
(2,)
(,8)
(,4)

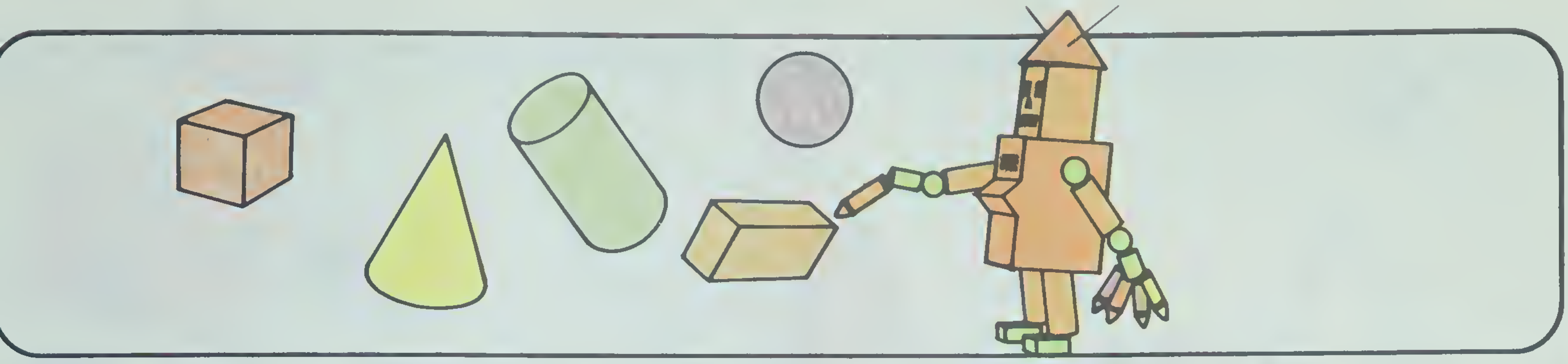

12
(1,)
(10,)
(5,)
(,4)


9
(0,)
(3,)
(7,)
(,4)

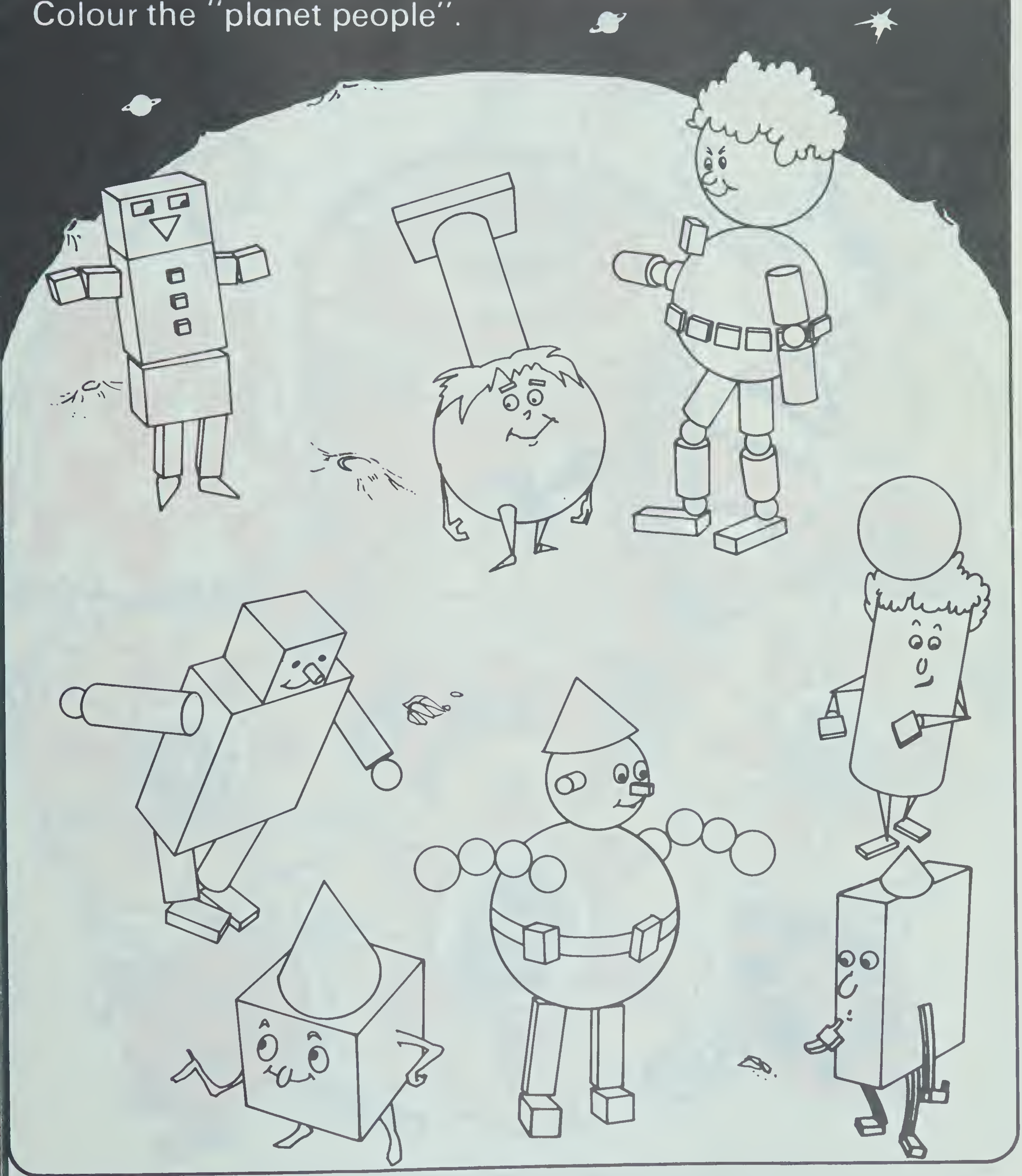

14
(9,)
(,13)
(4,)
(12,)

Add.

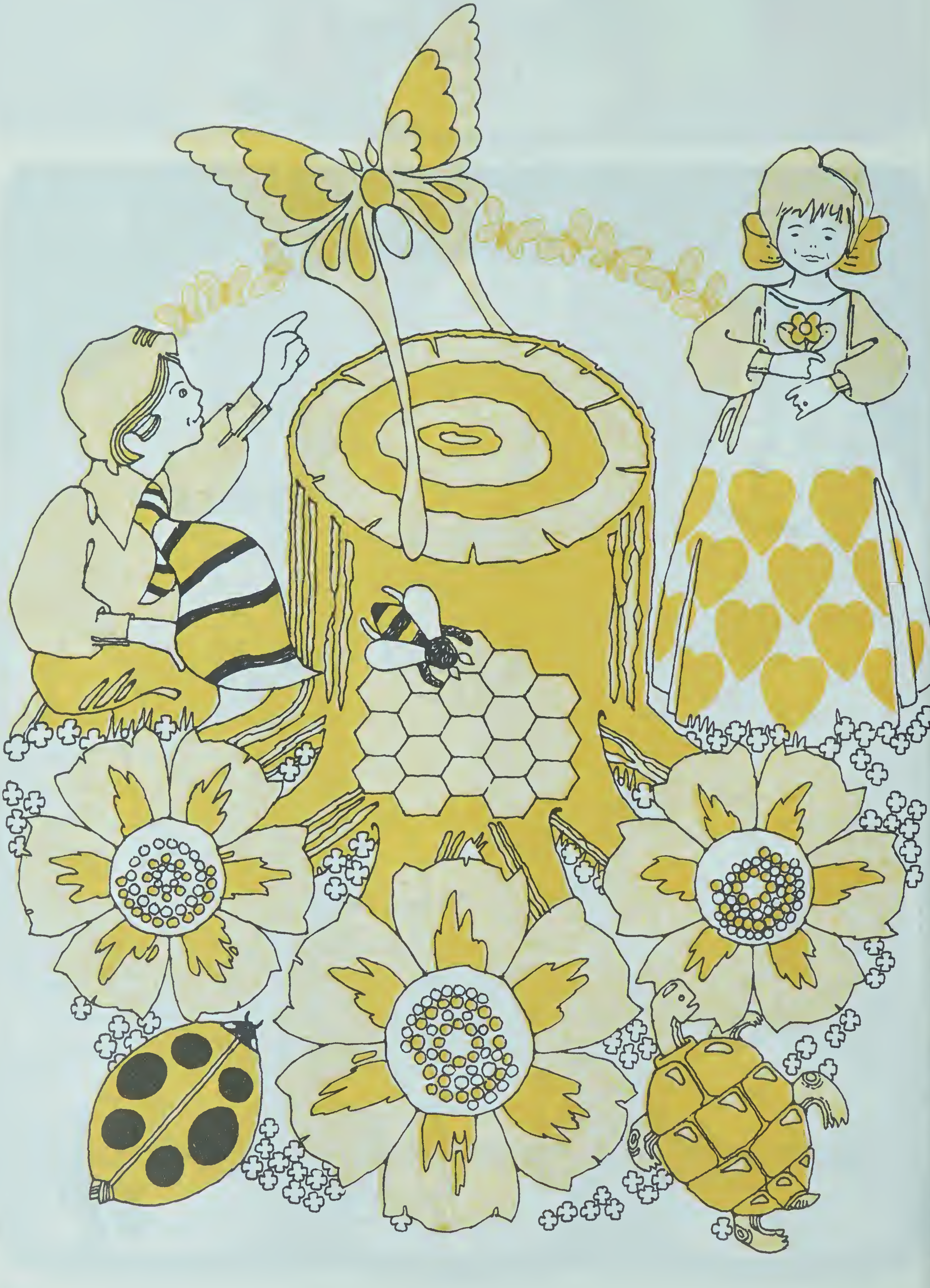
(3,11) ____
(2,10) ____
(5,3) ____
(12,0) ____
(8,5) ____
(0,14) ____

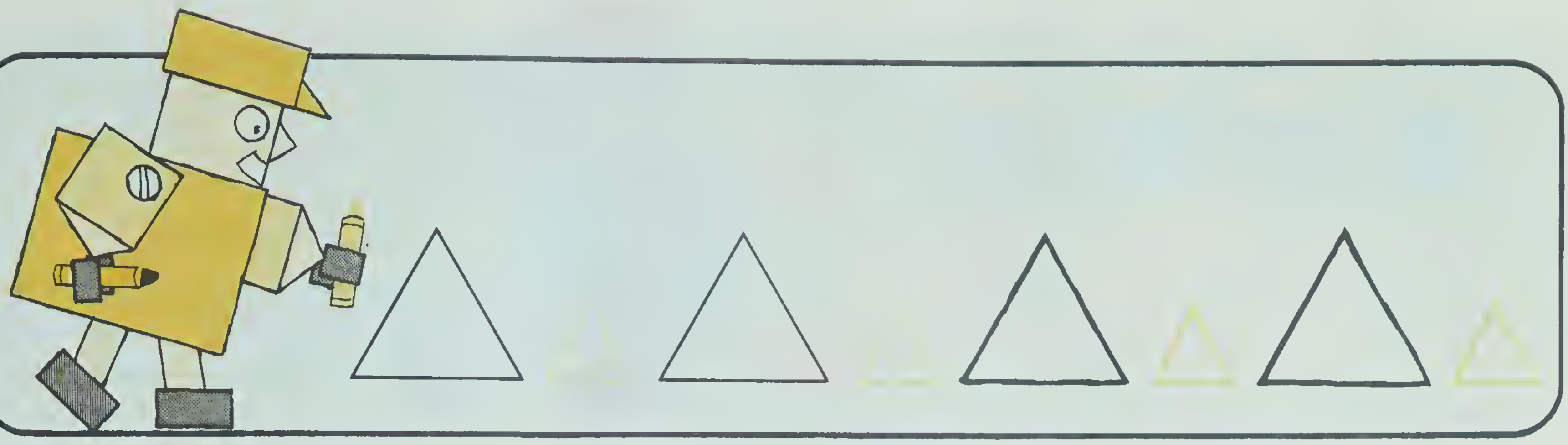


Colour the "planet people".

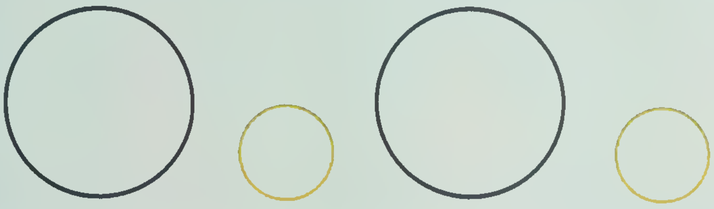


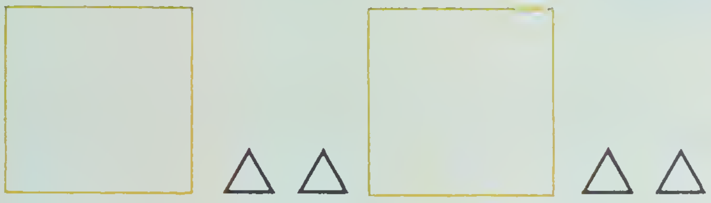
Ask.

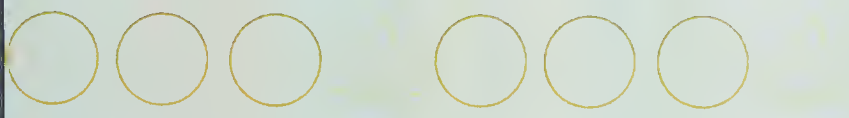


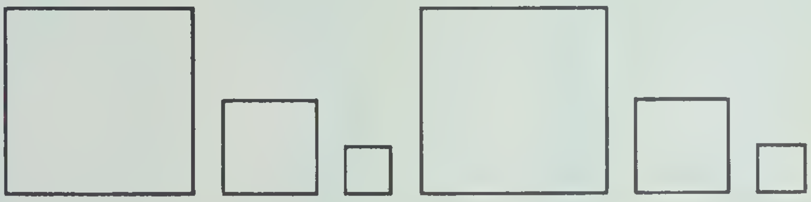


Continue the patterns. Use your crayons.

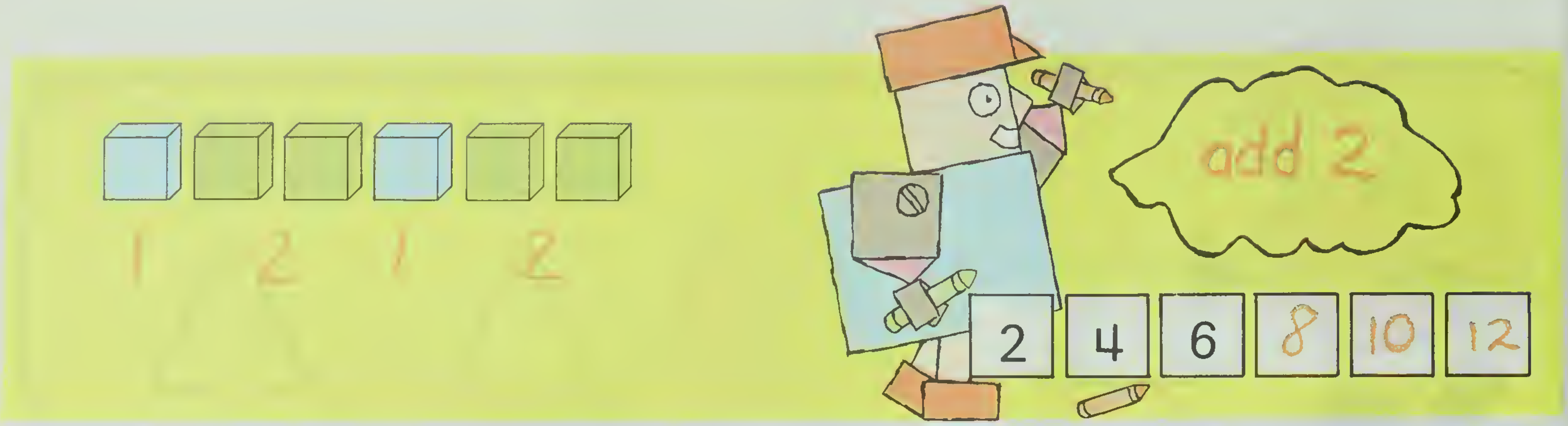




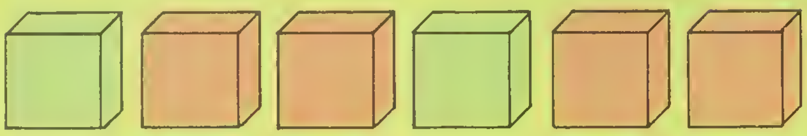


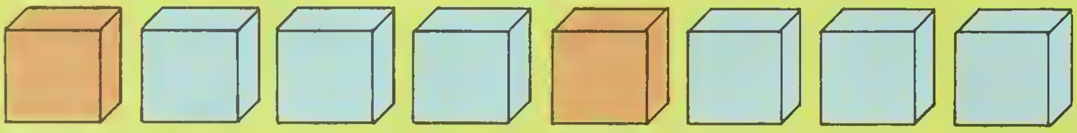


Draw your own patterns.


1 2 1 2
add 2
2 4 6 8 10 12

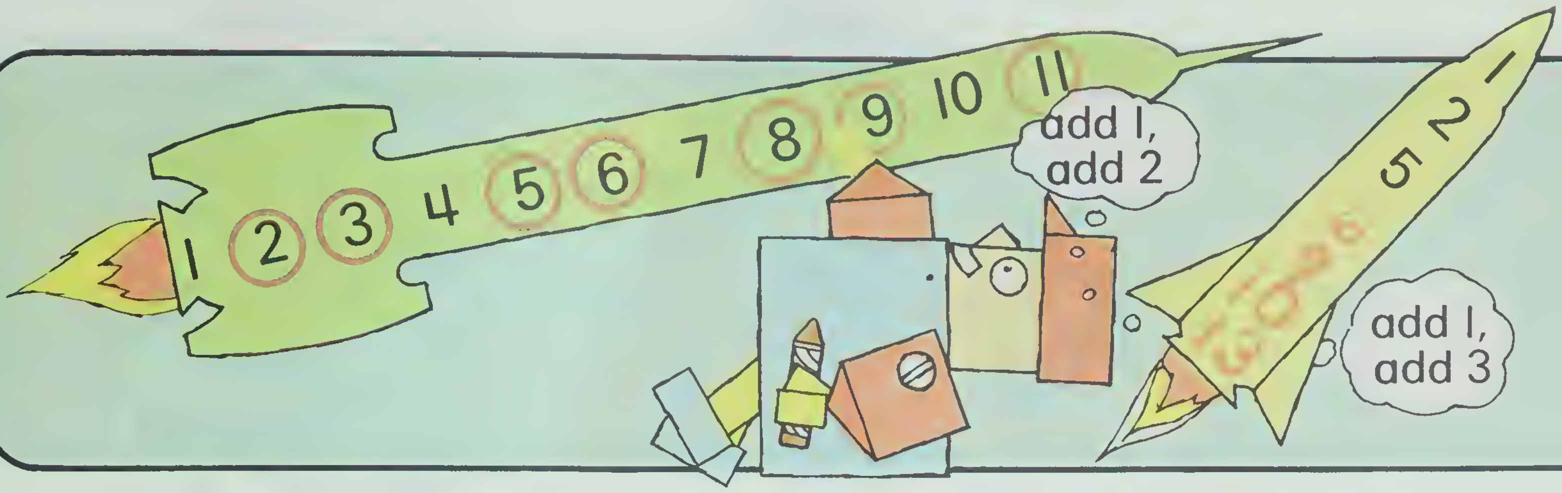
Continue the patterns.



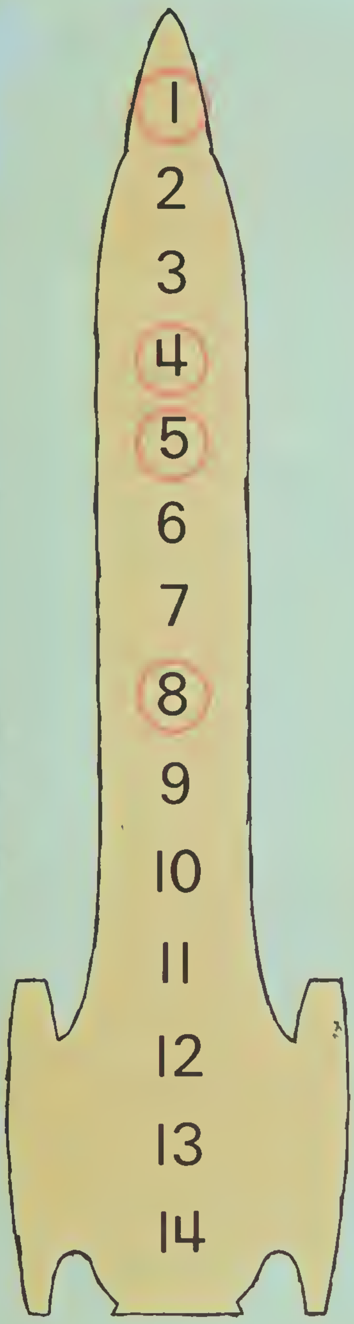


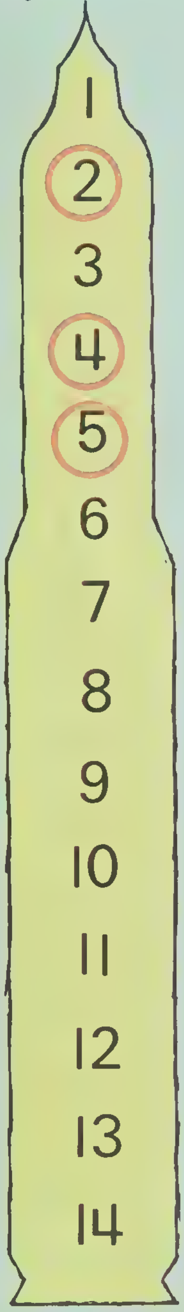
5	6	7					
1	3	5	7				
1	4	7	10				
2	3	5	6				

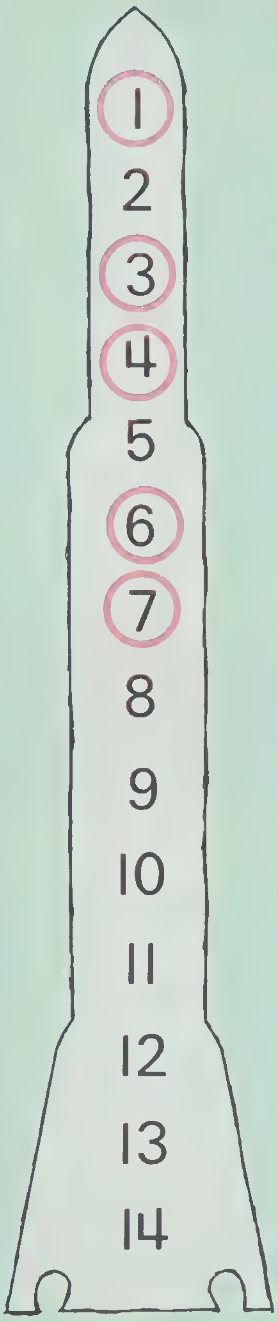
Make up your own number pattern.

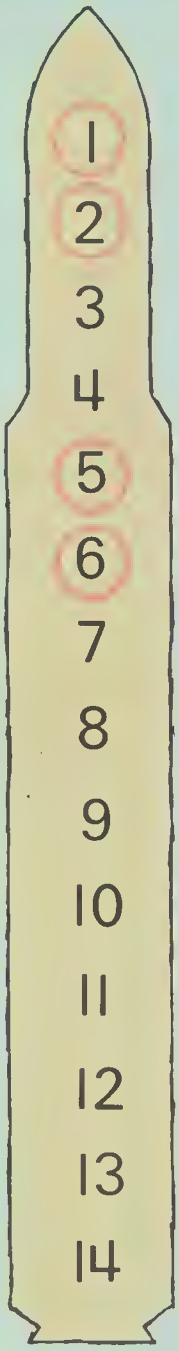

1 ② ③ 4 ⑤ ⑥ 7 ⑧ ⑨ 10 ⑪
add 1,
add 2
1 2 5 6
add 1,
add 3

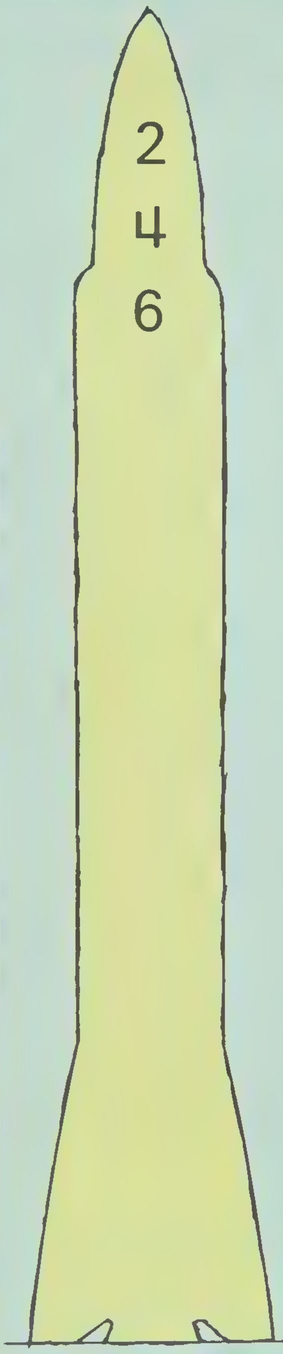
Continue the patterns.

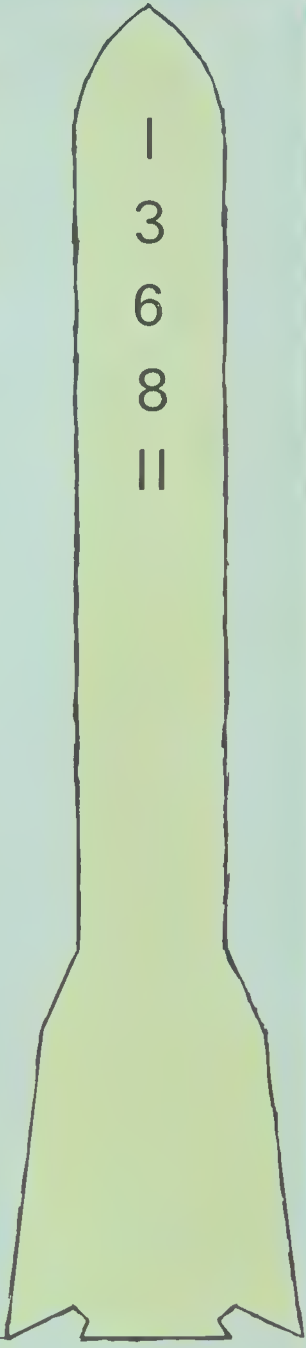

① 2 3 ④ ⑤ 6 7 ⑧ 9 10 11 12 13 14


1 ② 3 ④ ⑤ 6 7 8 9 10 11 12 13 14

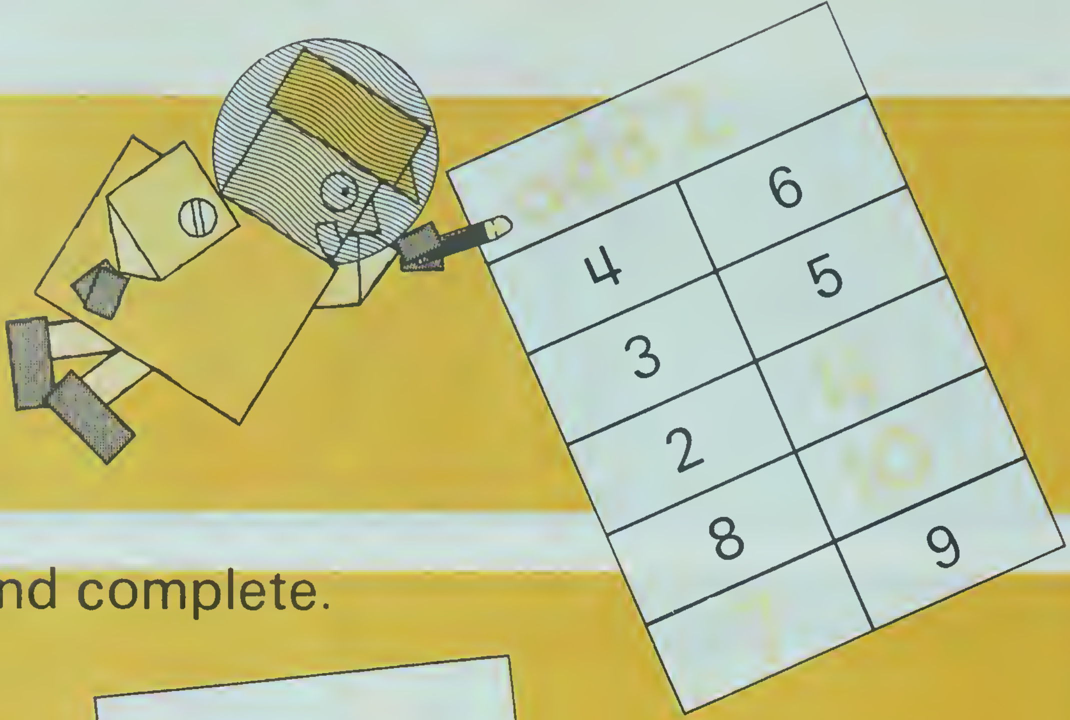

① 2 ③ ④ 5 ⑥ ⑦ 8 9 10 11 12 13 14


① ② 3 4 ⑤ ⑥ 7 8 9 10 11 12 13 14





Make up your own number pattern.


add 2
4
6
3
5
2
4
8
10
7
9

Find the patterns and complete.

3	4
7	8
5	
11	
	14

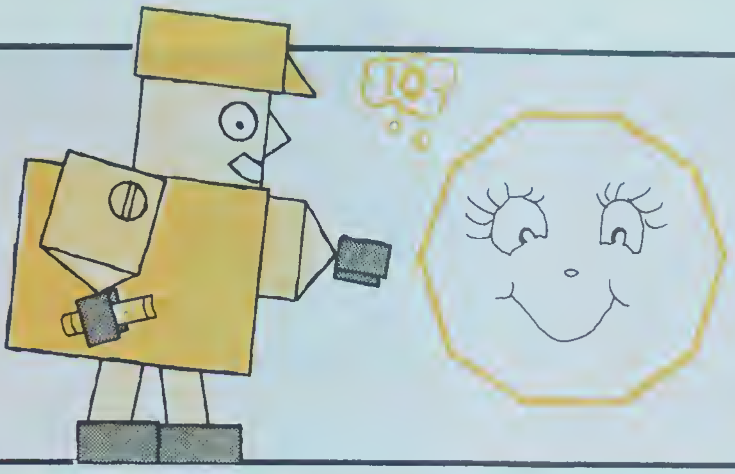
2	5
10	13
8	
4	
	9

7	6
14	13
9	
11	
	5

4	1
9	6
13	
8	
	7

6	8
10	12
7	
5	
	14

12	10
9	
	11
6	
	5



My decagon is orange It has 10 sides and 10 corner points. Its sides are 1cm long. It measures 10 cm around. My decagon is metric! It stands for 10.

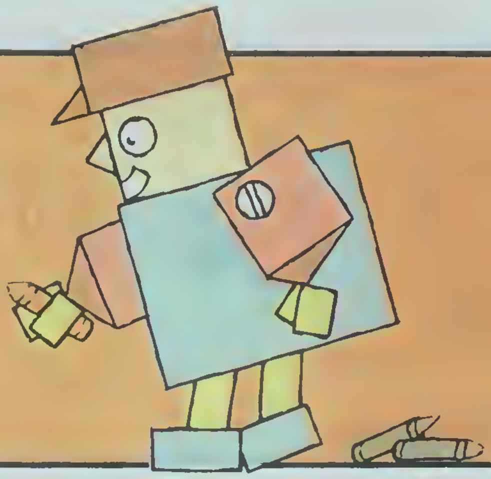
Draw around a square.

Print a story about your square.

Draw around a circle.

Print a story about your circle.

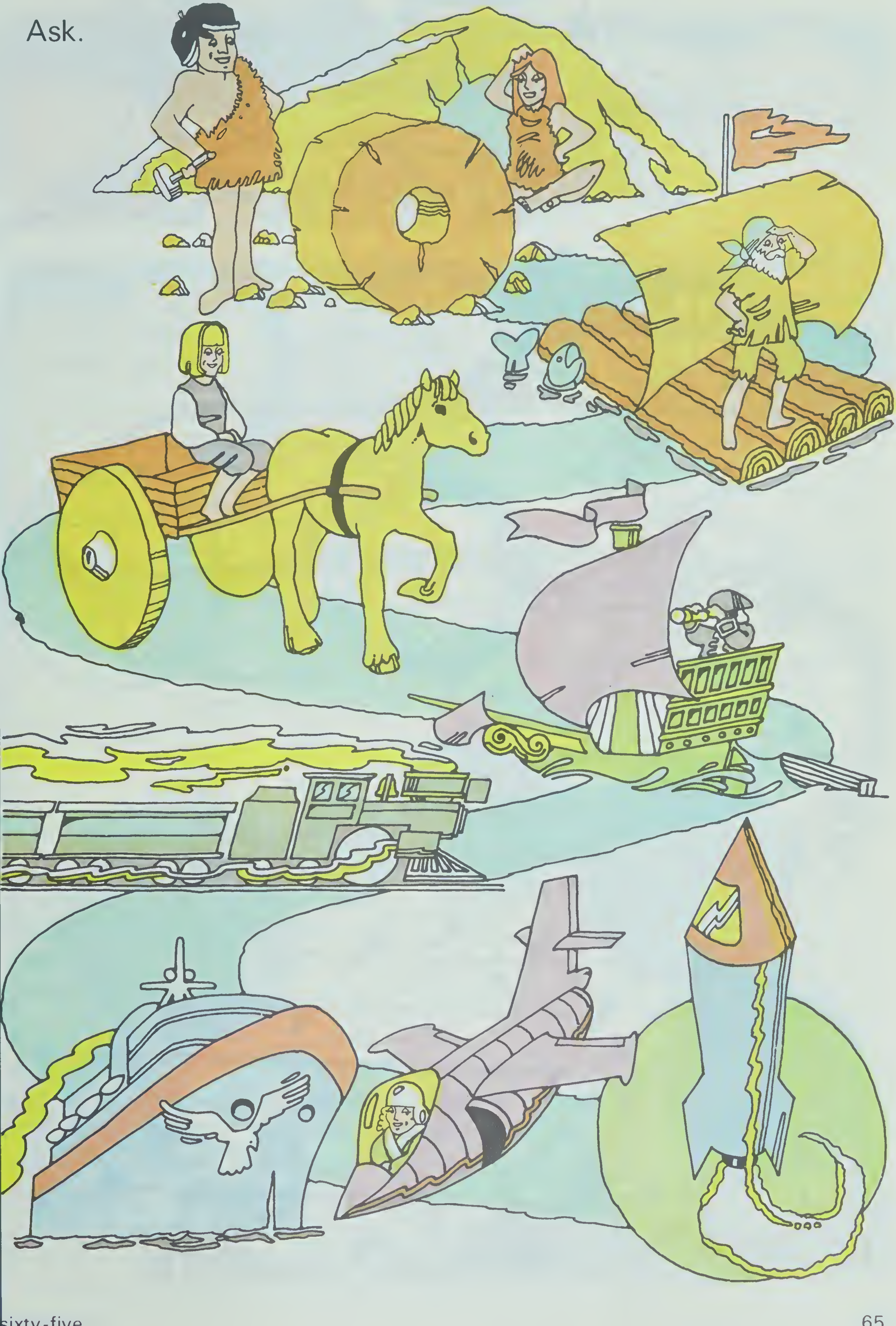
Draw around a triangle. Print a story about your triangle.

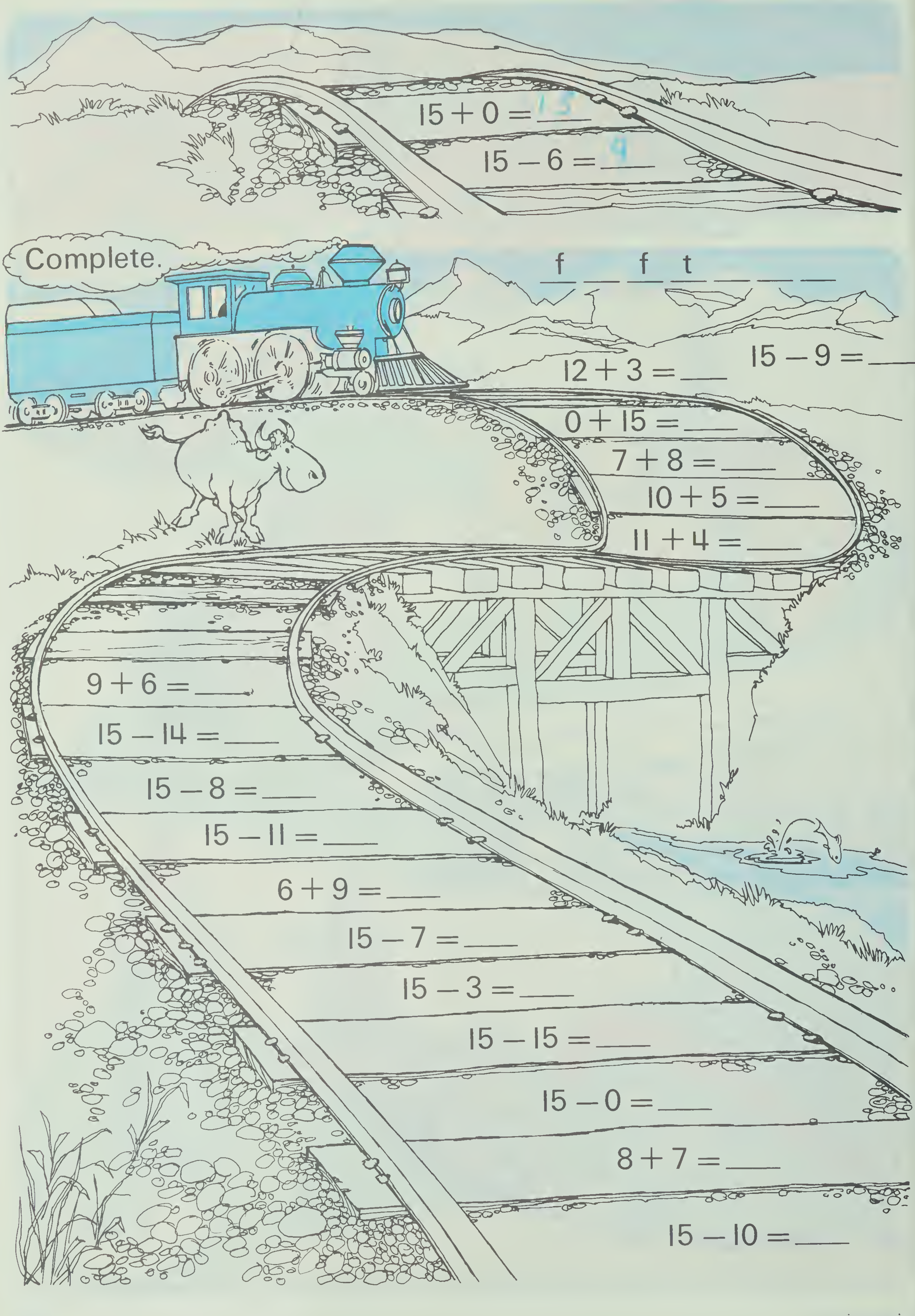


Make a picture using squares, circles, triangles, or all three.

Make a picture using other shapes.

Ask.





15 + 0 = 15

15 − 6 = 9

Complete.

f ___ f t ___ ___ ___

12 + 3 = ___

15 − 9 = ___

0 + 15 = ___

7 + 8 = ___

10 + 5 = ___

11 + 4 = ___

9 + 6 = ___

15 − 14 = ___

15 − 8 = ___

15 − 11 = ___

6 + 9 = ___

15 − 7 = ___

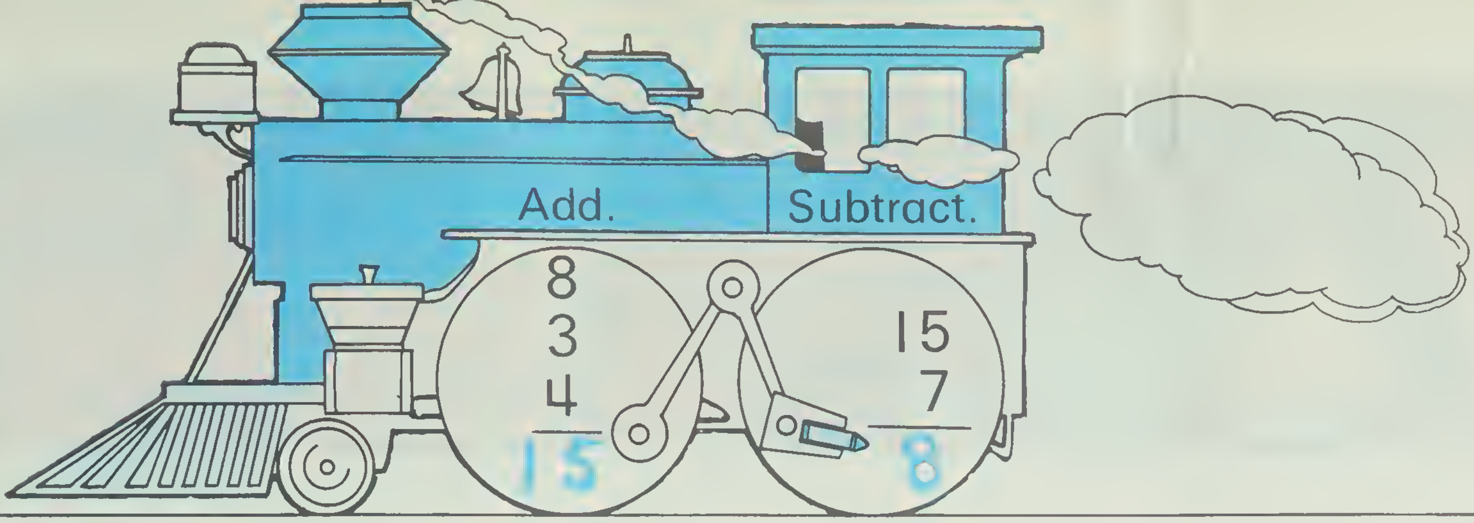
15 − 3 = ___

15 − 15 = ___

15 − 0 = ___

8 + 7 = ___

15 − 10 = ___


Add.
Subtract.
8
3
4
15
15
7
8

Add.

2
10
3
___

9
4
2
___

5
5
5
___

12
1
2
___

3
1
11
___

6
7
2
___

Subtract.

15
1
___

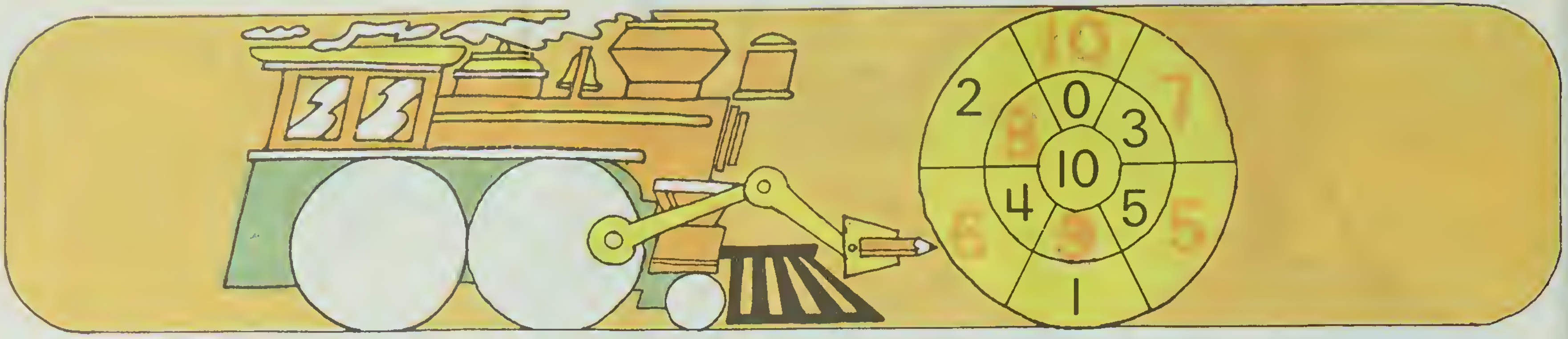
15
2
___

15
13
___

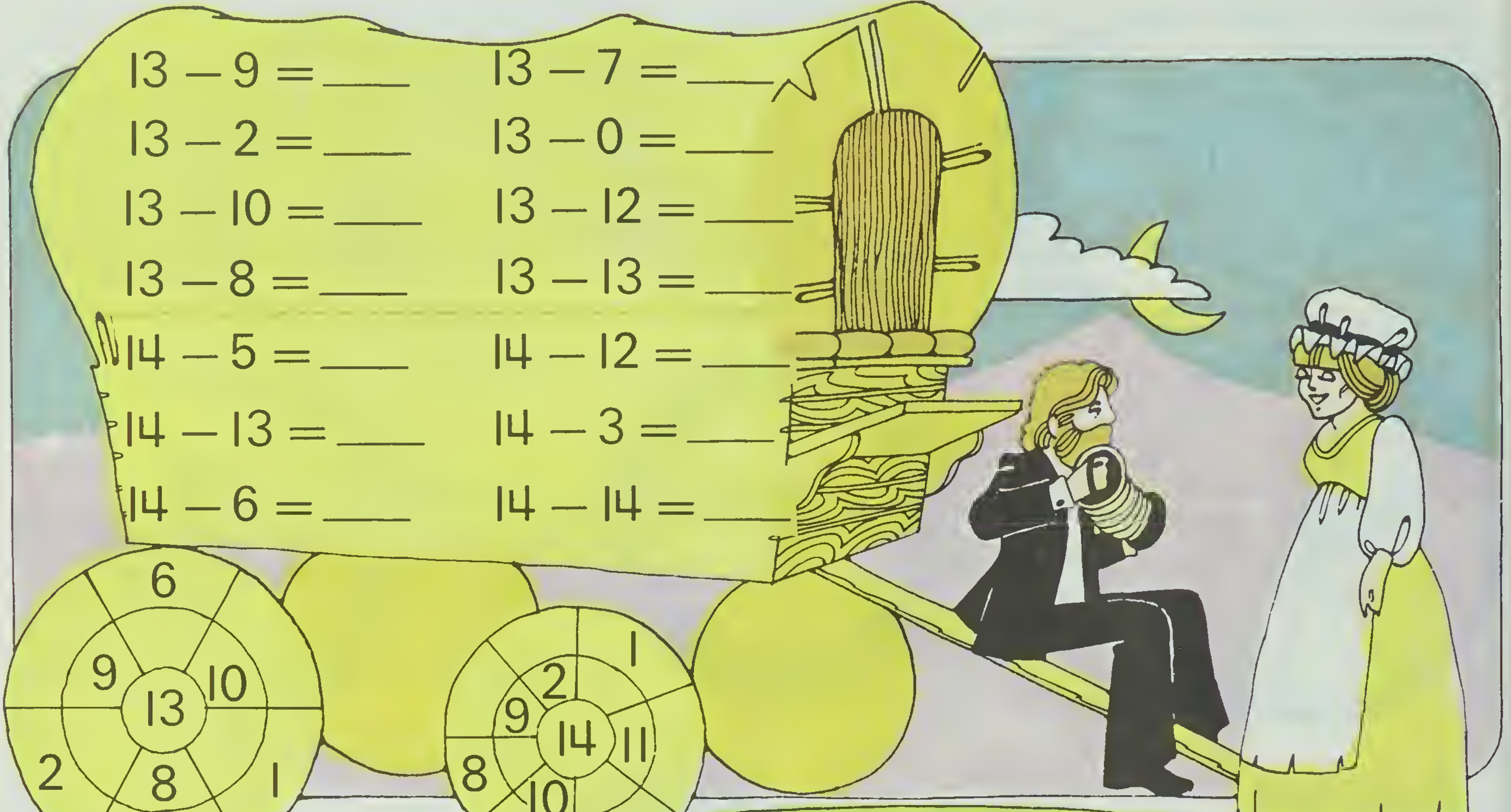
15
4
___

15
6
___

15
12
___

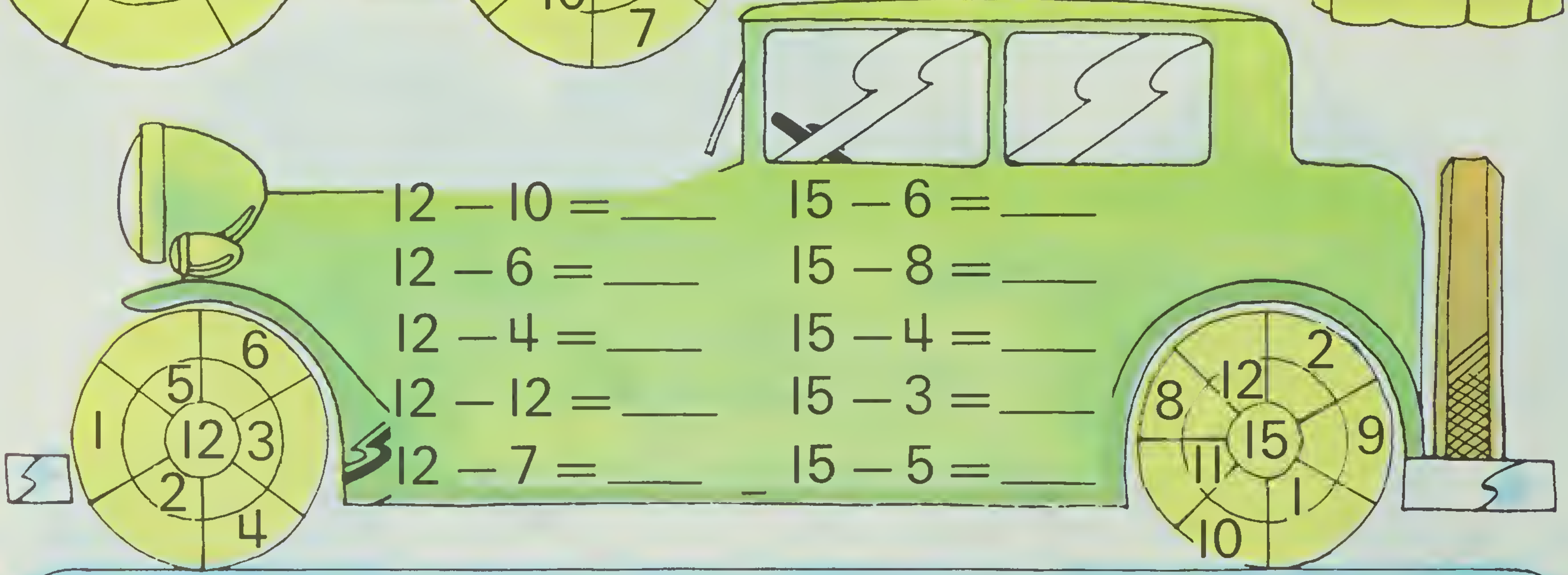

10
2
0
7
8
3
10
4
5
6
5
9
1

Complete.


6
9
13
10
2
8
1
1
2
9
14
11
8
10
7

13 − 9 = ___
13 − 2 = ___
13 − 10 = ___
13 − 8 = ___
14 − 5 = ___
14 − 13 = ___
14 − 6 = ___

13 − 7 = ___
13 − 0 = ___
13 − 12 = ___
13 − 13 = ___
14 − 12 = ___
14 − 3 = ___
14 − 14 = ___


6
5
1
12
3
2
4
2
12
8
15
9
11
1
10

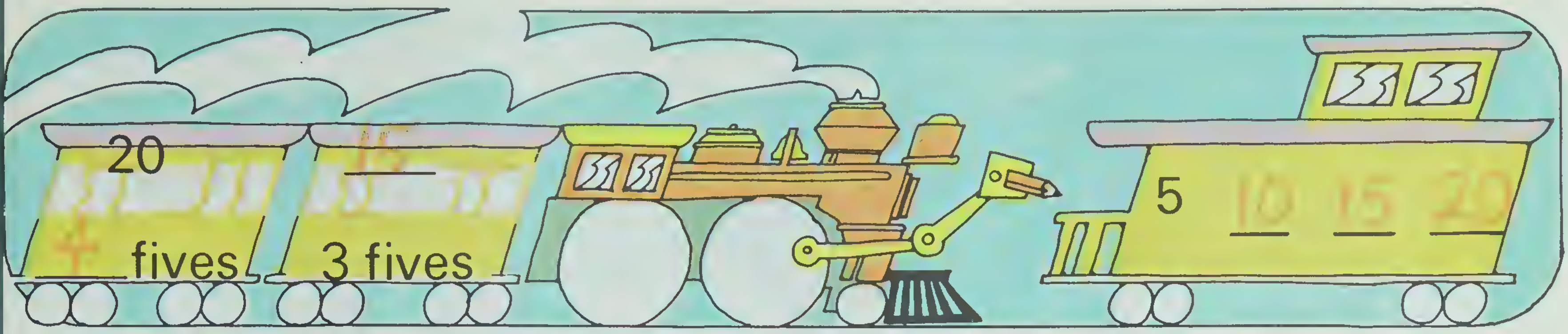
12 − 10 = ___
12 − 6 = ___
12 − 4 = ___
12 − 12 = ___
12 − 7 = ___

15 − 6 = ___
15 − 8 = ___
15 − 4 = ___
15 − 3 = ___
15 − 5 = ___

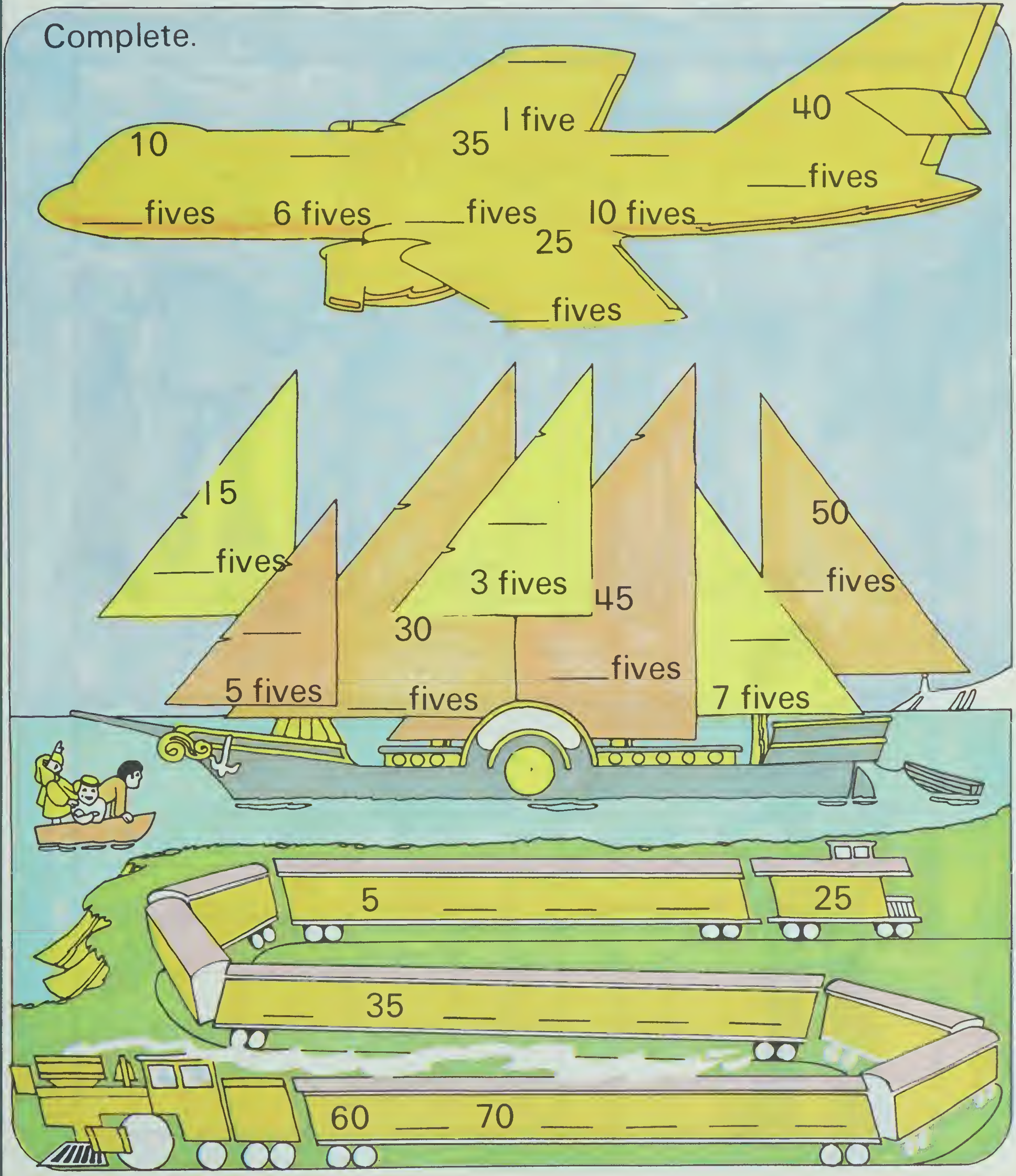
Gregory had 15 toy cars. He gave 7 to Michael. How many toys did Gregory have left?

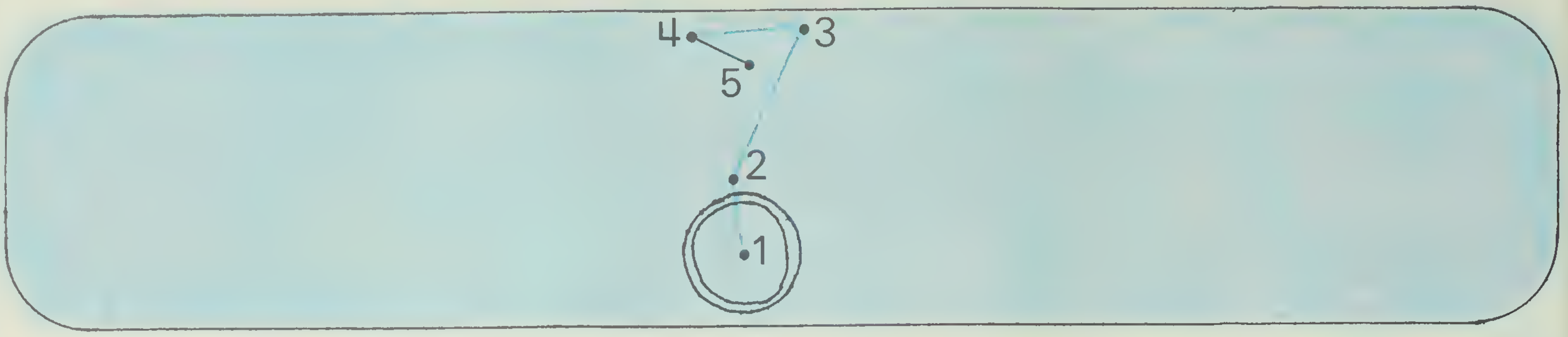
___ − ___ = ___

Gregory had ___ toys left.

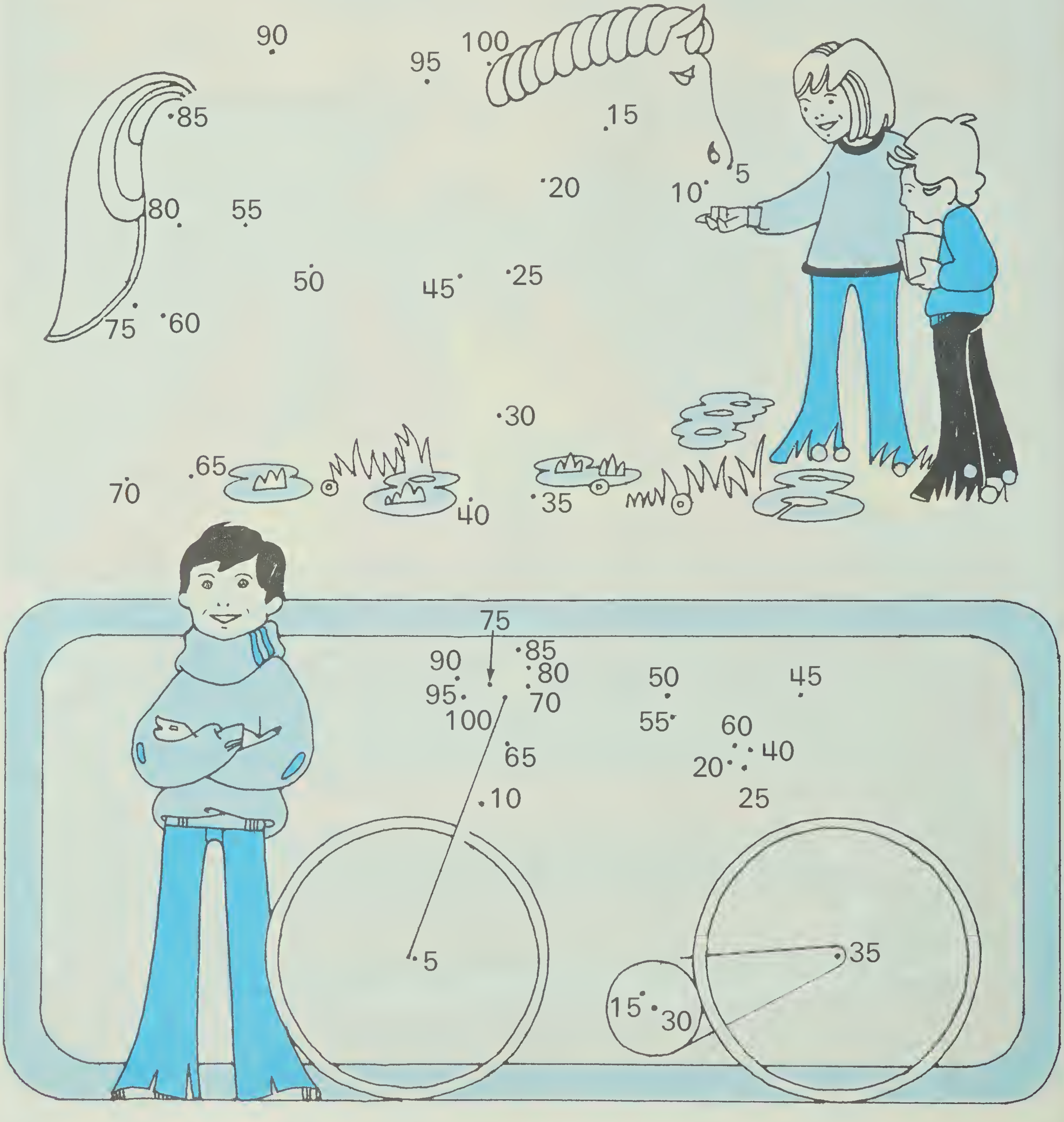

20
4 fives
15
3 fives
5 10 15 20

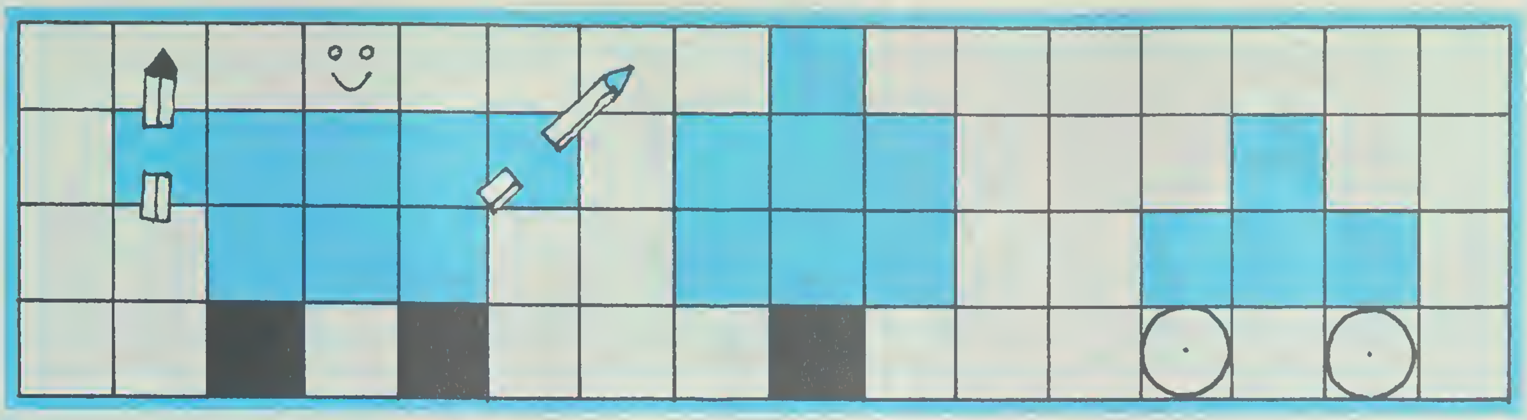
Complete.


10
____ fives
____
6 fives
35
1 five
____
____
____ fives
25
10 fives
____ fives
40
____ fives
15
____ fives
____
5 fives
____
3 fives
30
____ fives
45
____ fives
50
____ fives
____
7 fives
5 ____ ____ ____
25
____ 35 ____ ____ ____ ____
60 ____ 70 ____ ____ ____ ____

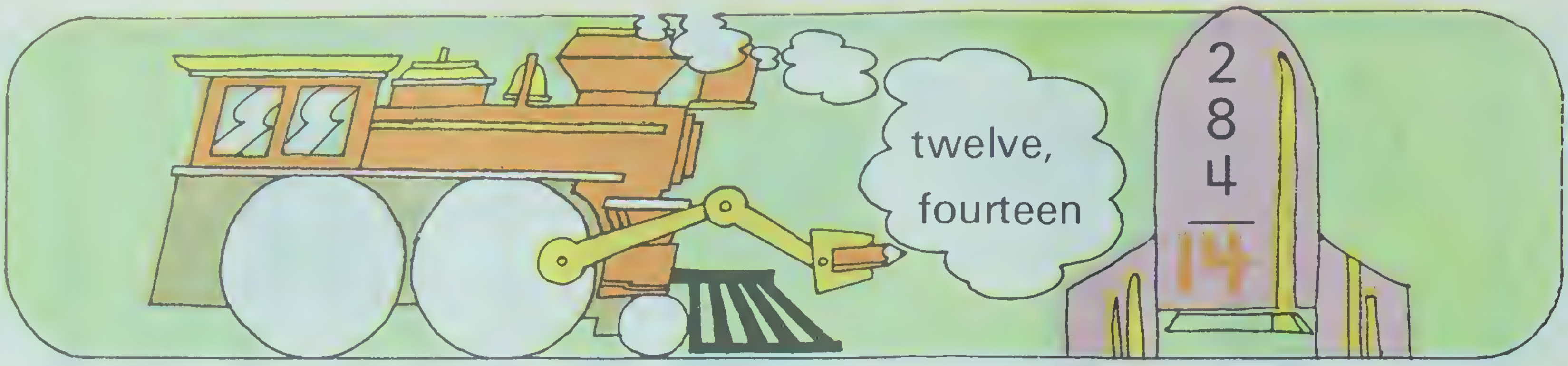


Count by fives.

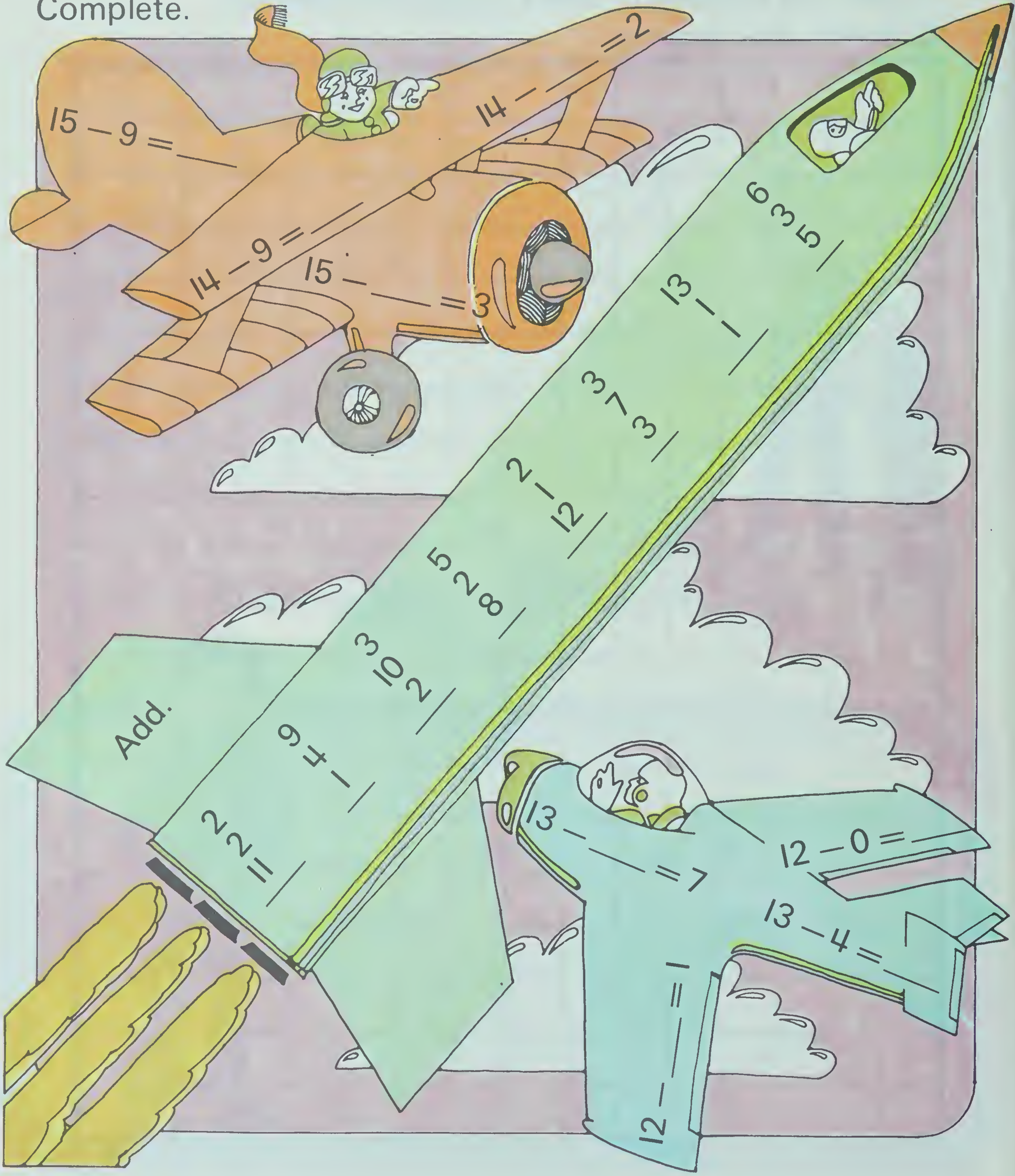

90
95
100
85
15
5
10
20
80
55
50
45
25
75
60
30
65
70
40
35
75
90
85
80
95
70
100
50
45
55
60
40
20
65
25
10
5
35
15
30



Colour the squares to make a picture or design.
Describe your picture.



Complete.



15 − 9 = ___

14 − ___ = 2

14 − 9 = ___

15 − ___ = 3

Add.

$$\begin{array}{r} 2 \\ 2 \\ 11 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 4 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 10 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 2 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ 12 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 7 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ 1 \\ 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 3 \\ 5 \\ \hline \end{array}$$

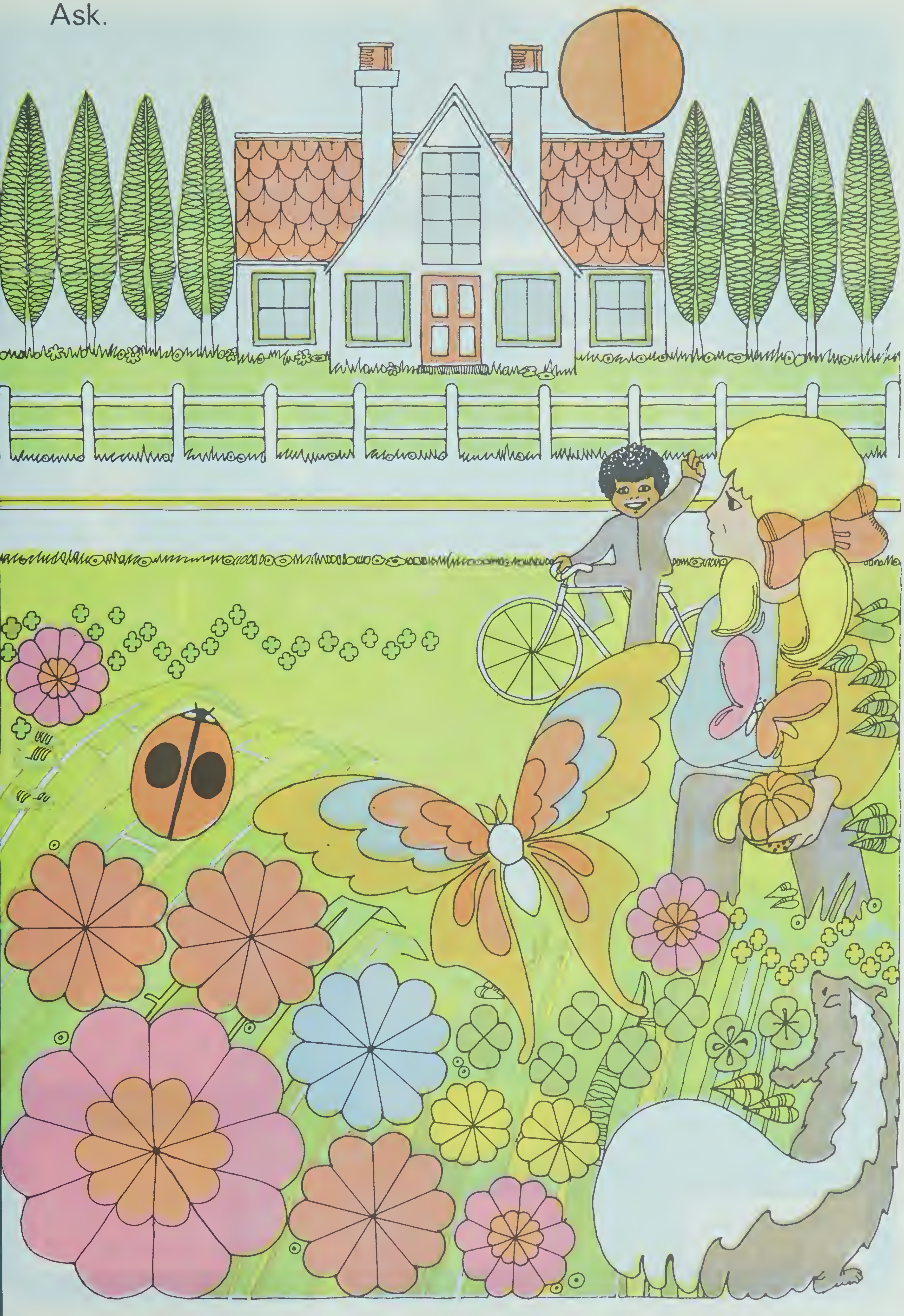
13 − ___ = 7

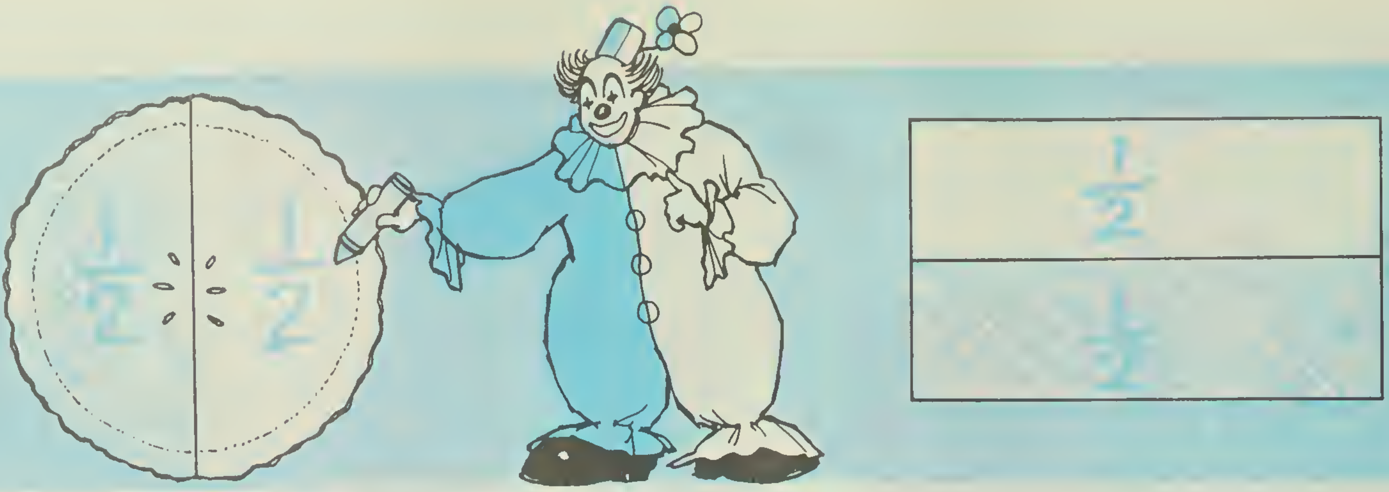
12 − 0 = ___

13 − 4 = ___

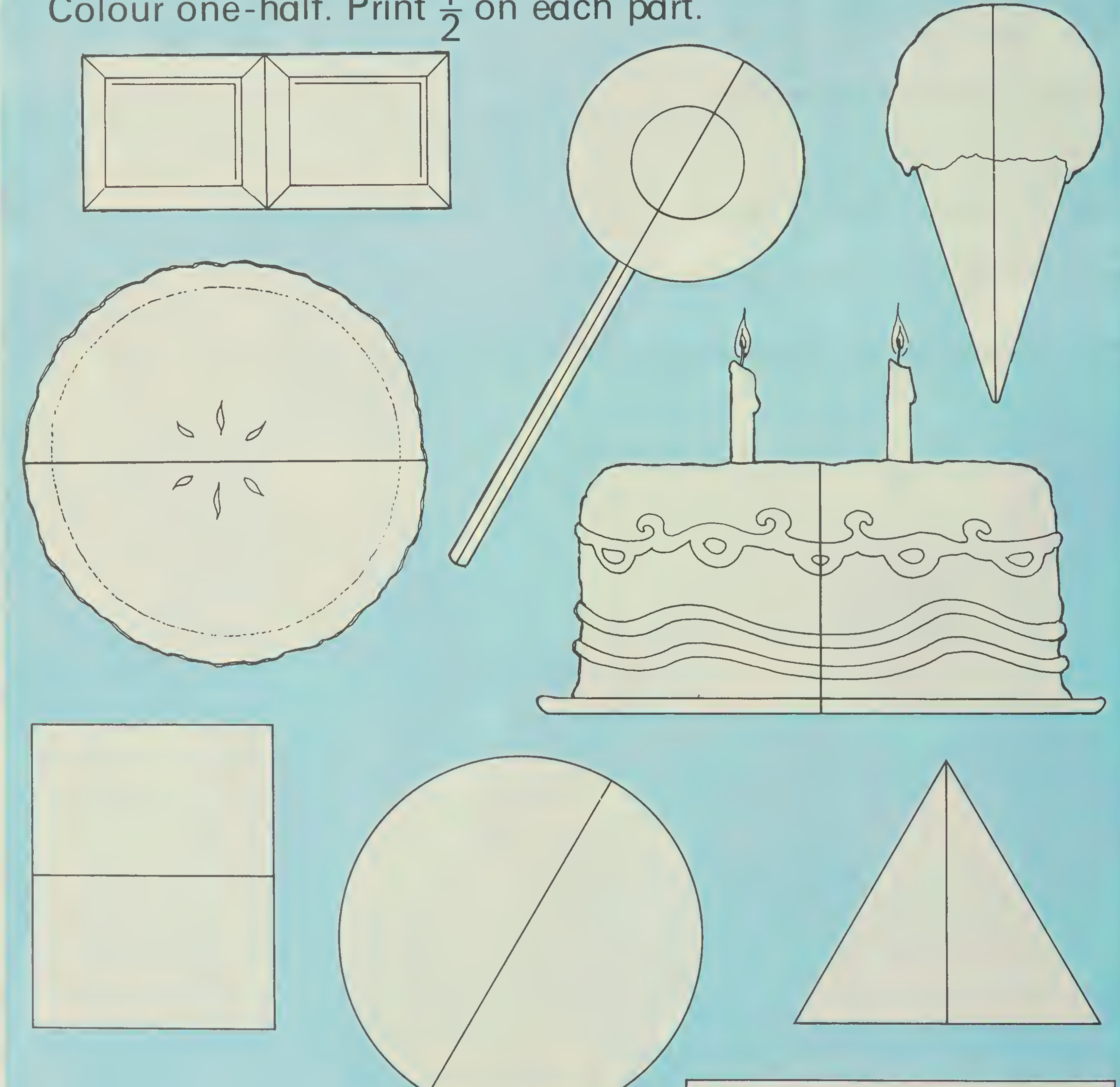
12 − ___ = 1

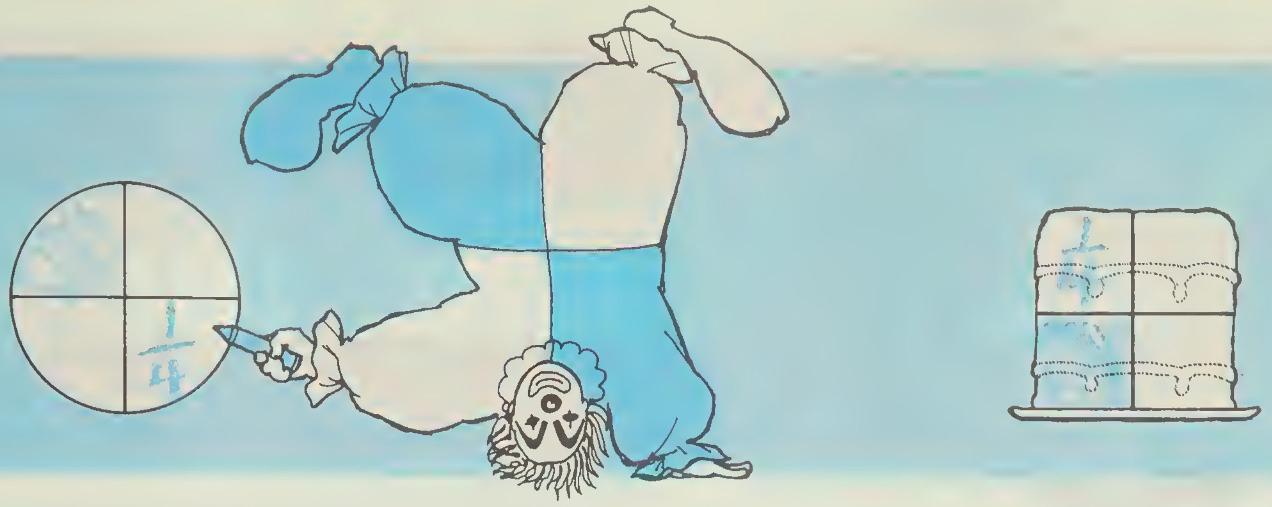
Ask.



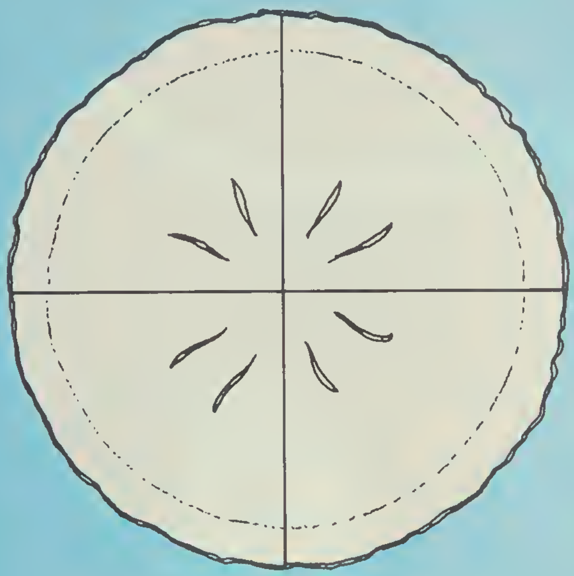

$\frac{1}{2}$
$\frac{1}{2}$
$\frac{1}{2}$
$\frac{1}{2}$

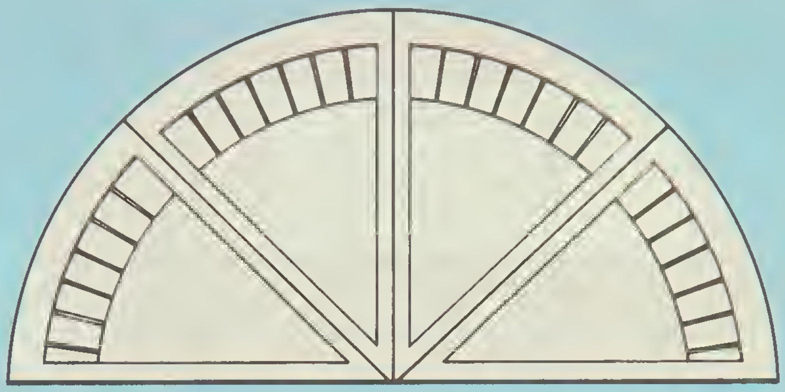
Colour one-half. Print $\frac{1}{2}$ on each part.

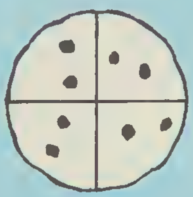


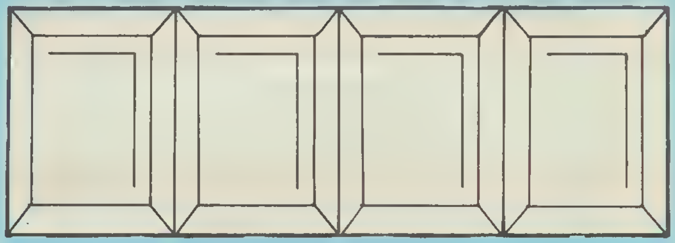

$\frac{1}{4}$
$\frac{1}{4}$

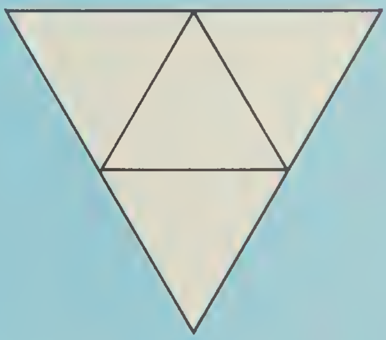
Colour one-quarter. Print $\frac{1}{4}$ on one part.

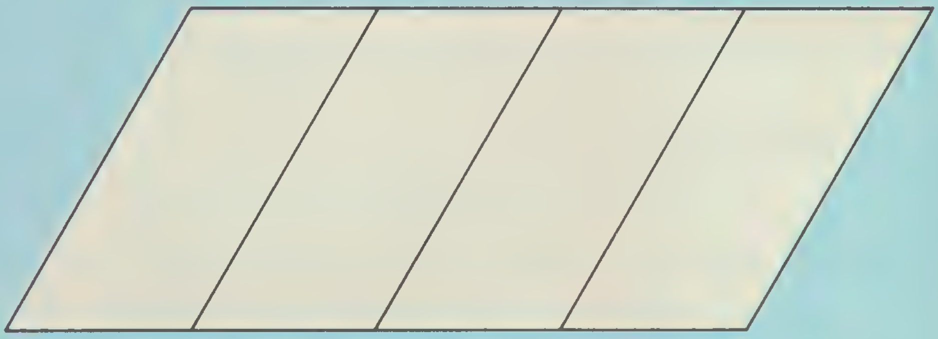


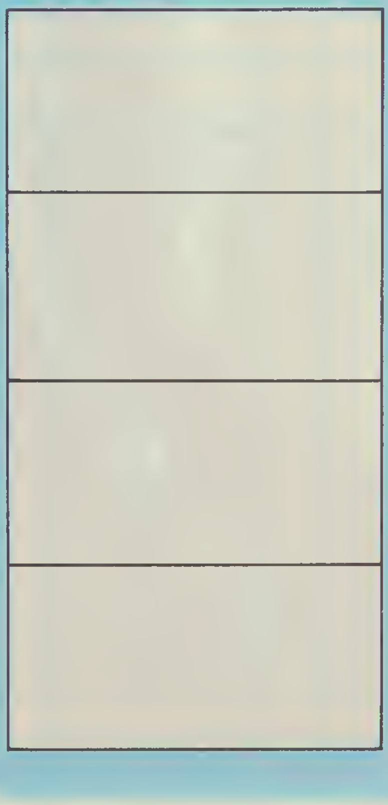


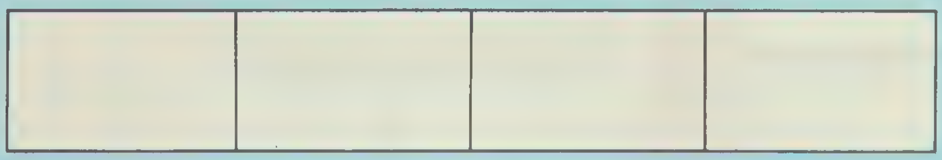


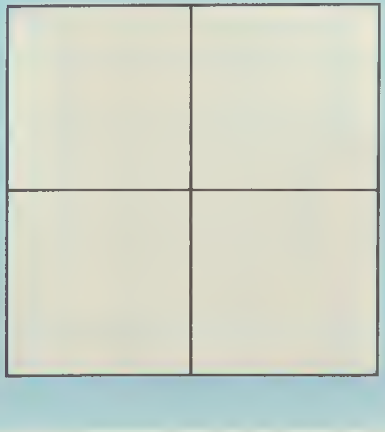


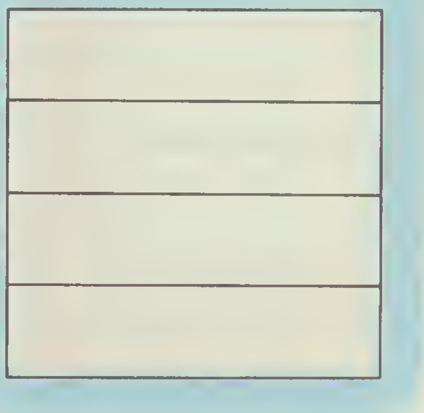


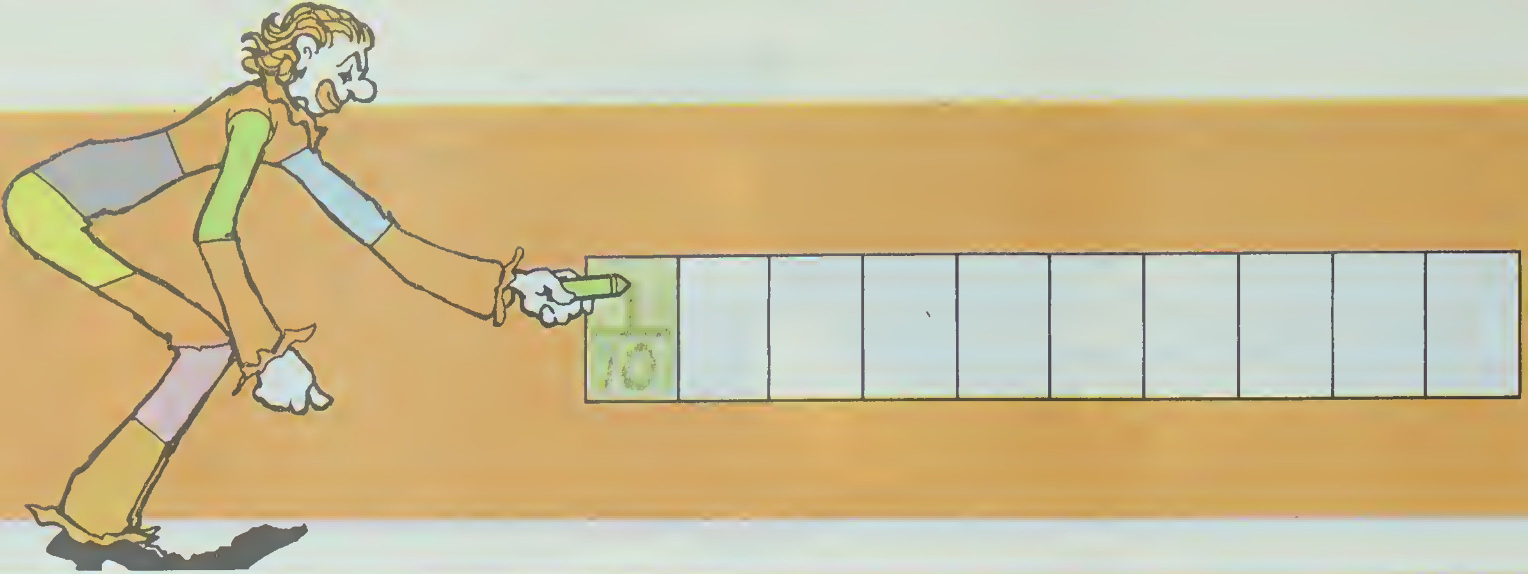




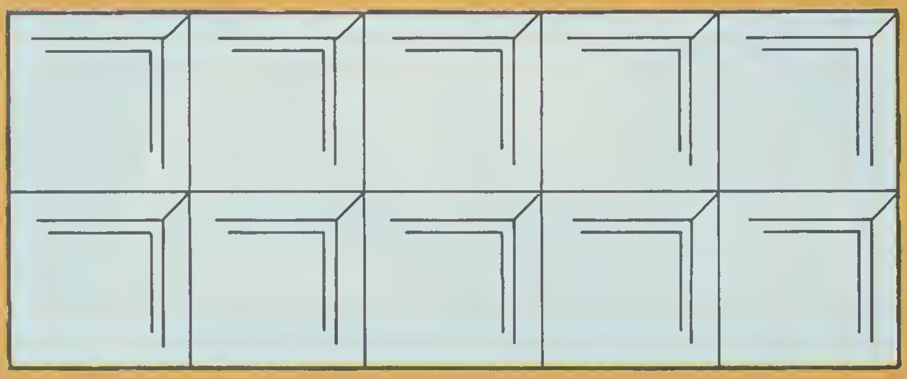


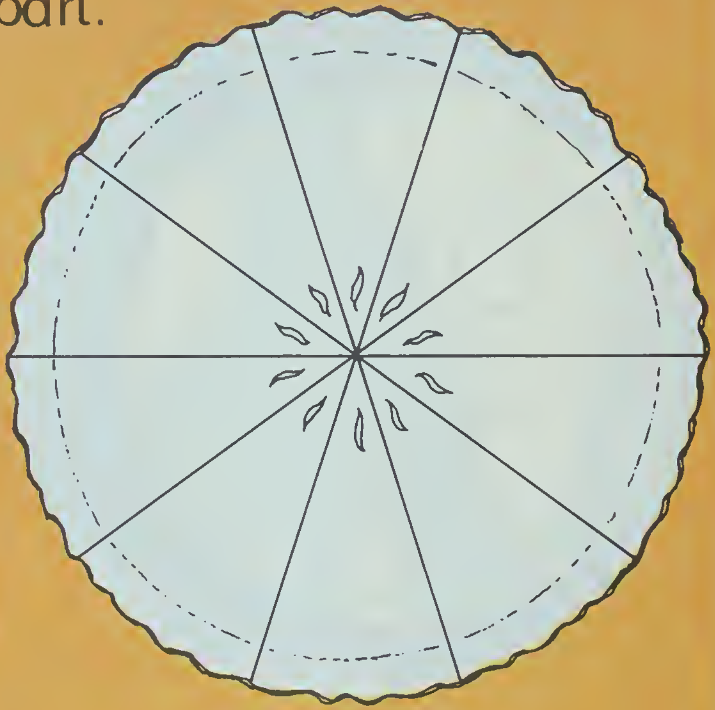


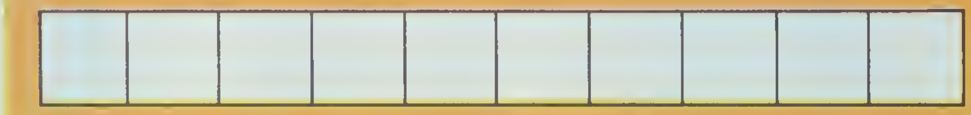


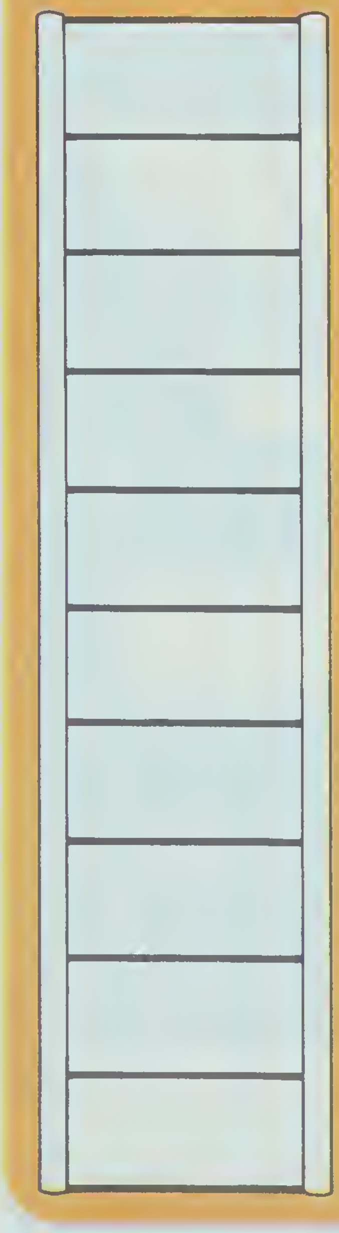


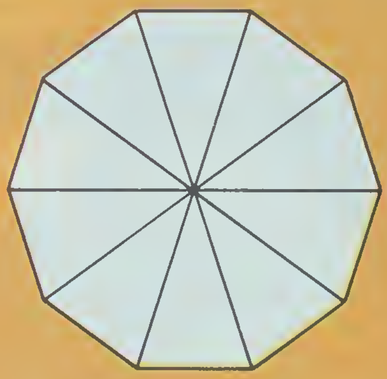
Colour one-tenth. Print $\frac{1}{10}$ on one part.

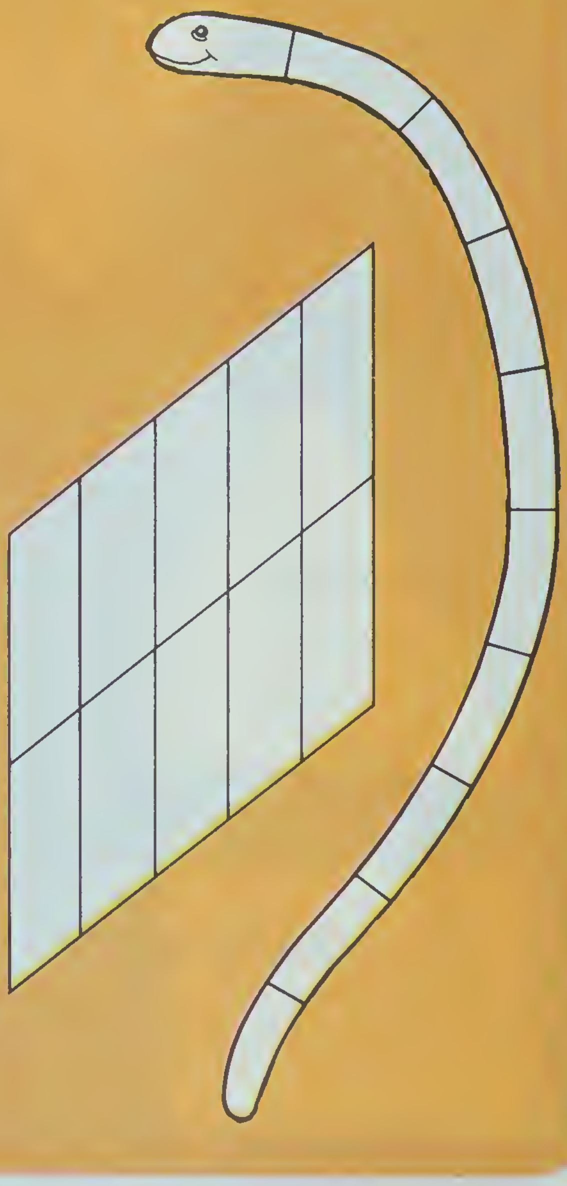


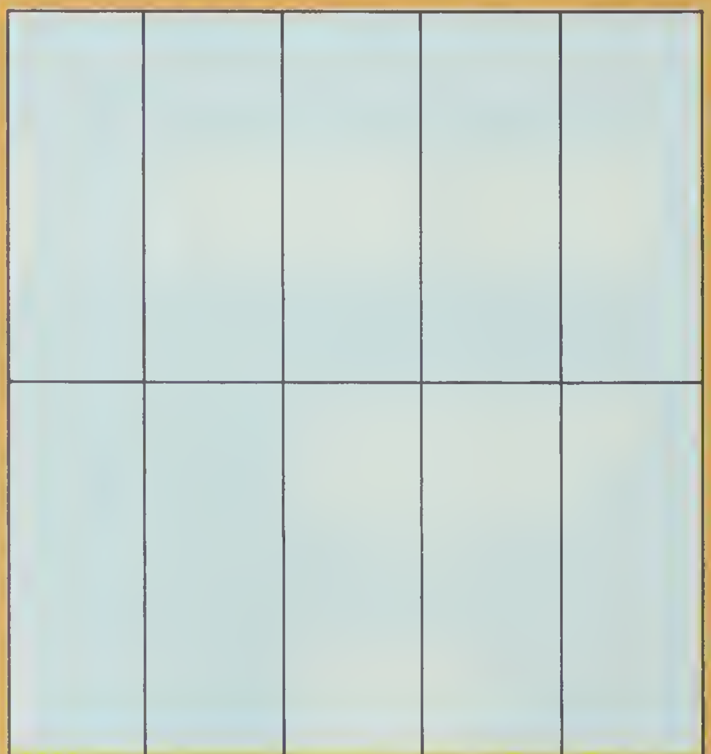


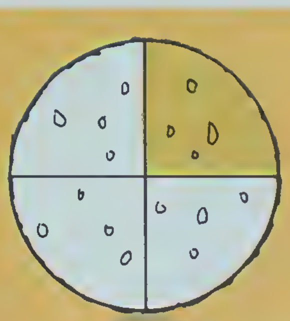




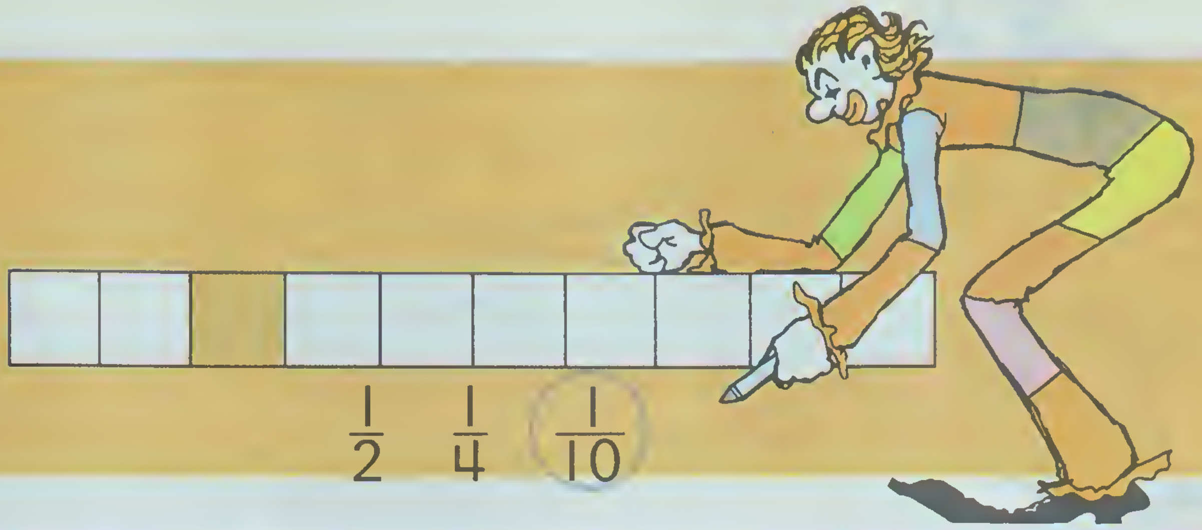






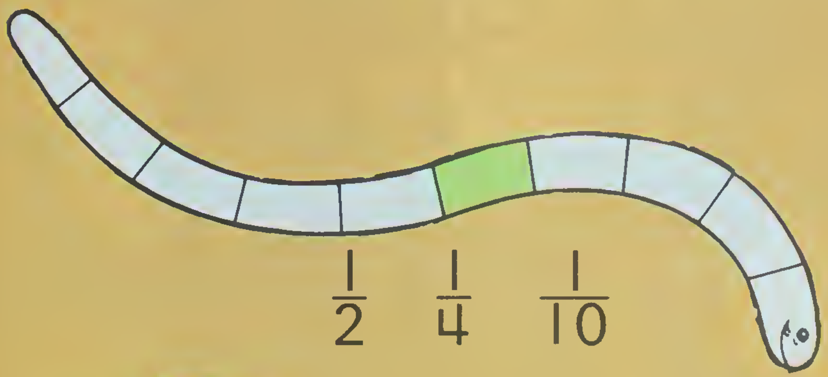


$\frac{1}{2}$ [✓ $\frac{1}{4}$] $\frac{1}{10}$

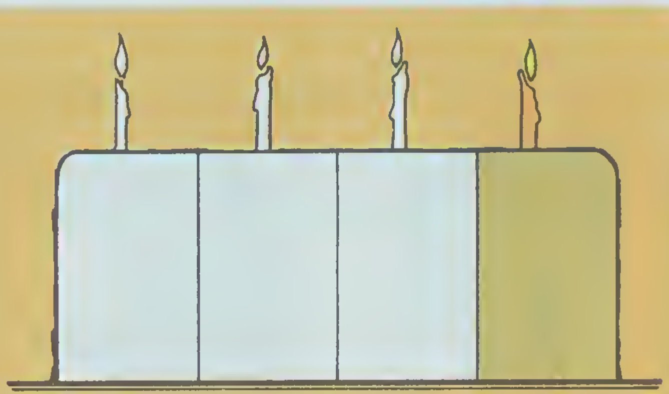


$\frac{1}{2}$ $\frac{1}{4}$ [✓ $\frac{1}{10}$]

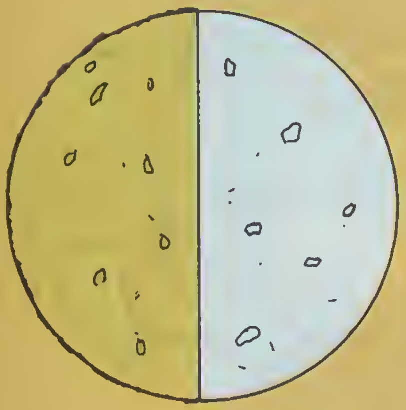
Circle the fraction.



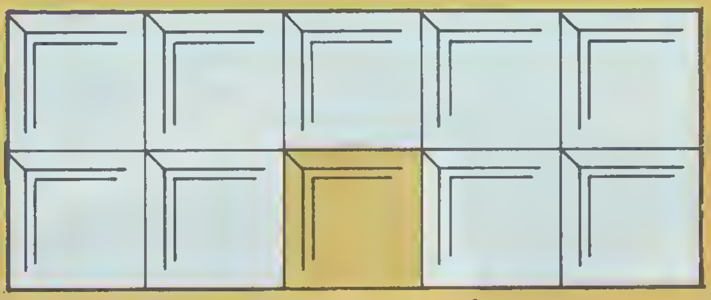
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



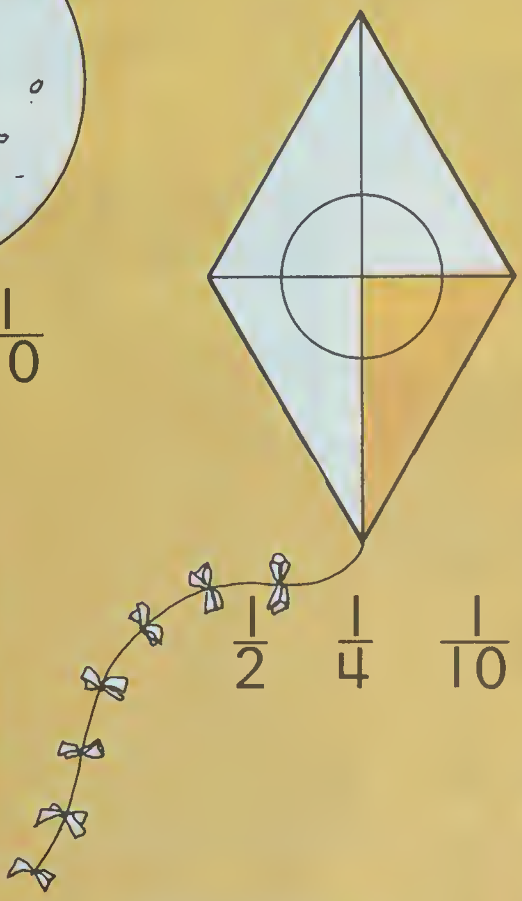
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



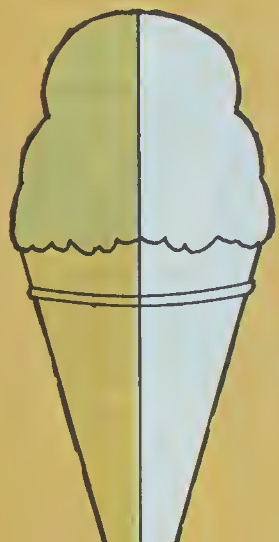
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



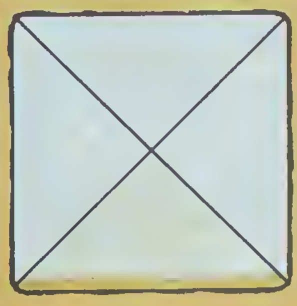
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



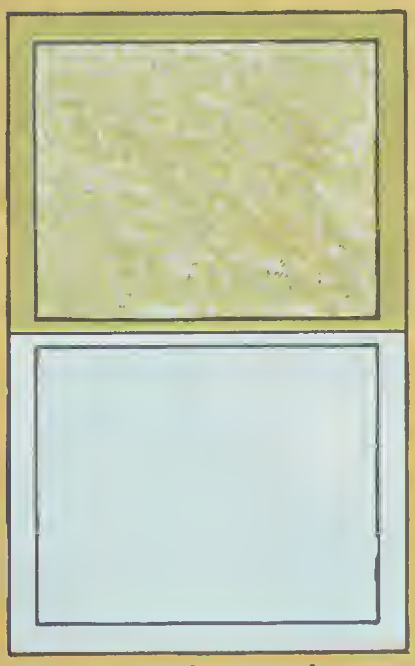
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



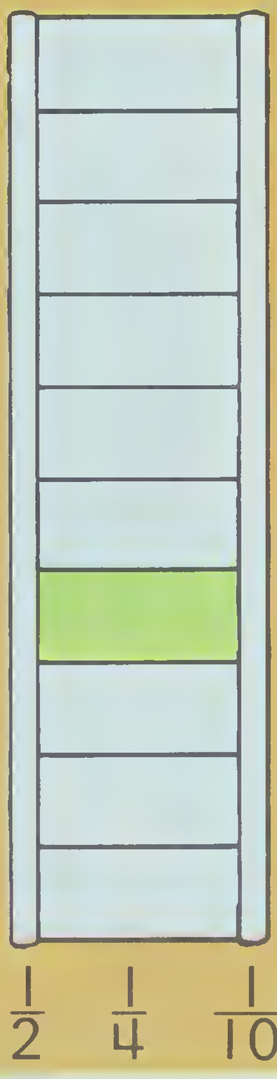
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



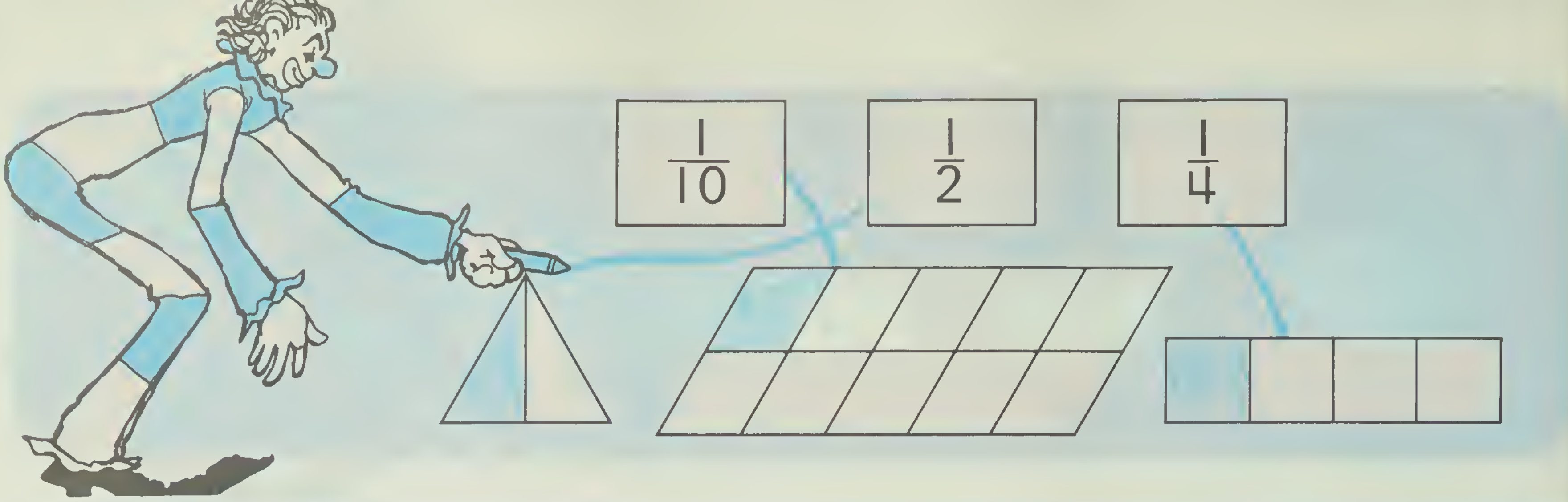
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



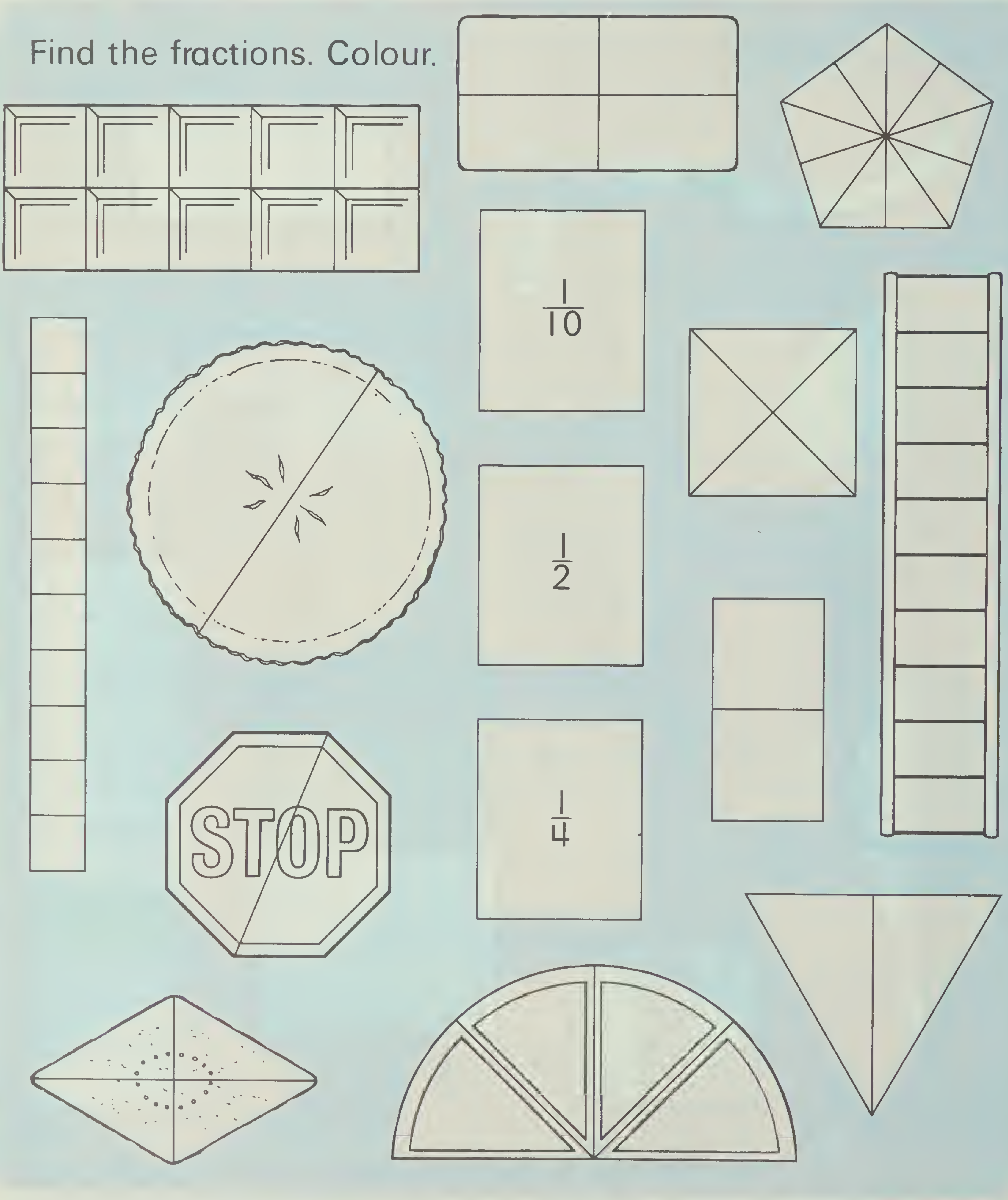
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



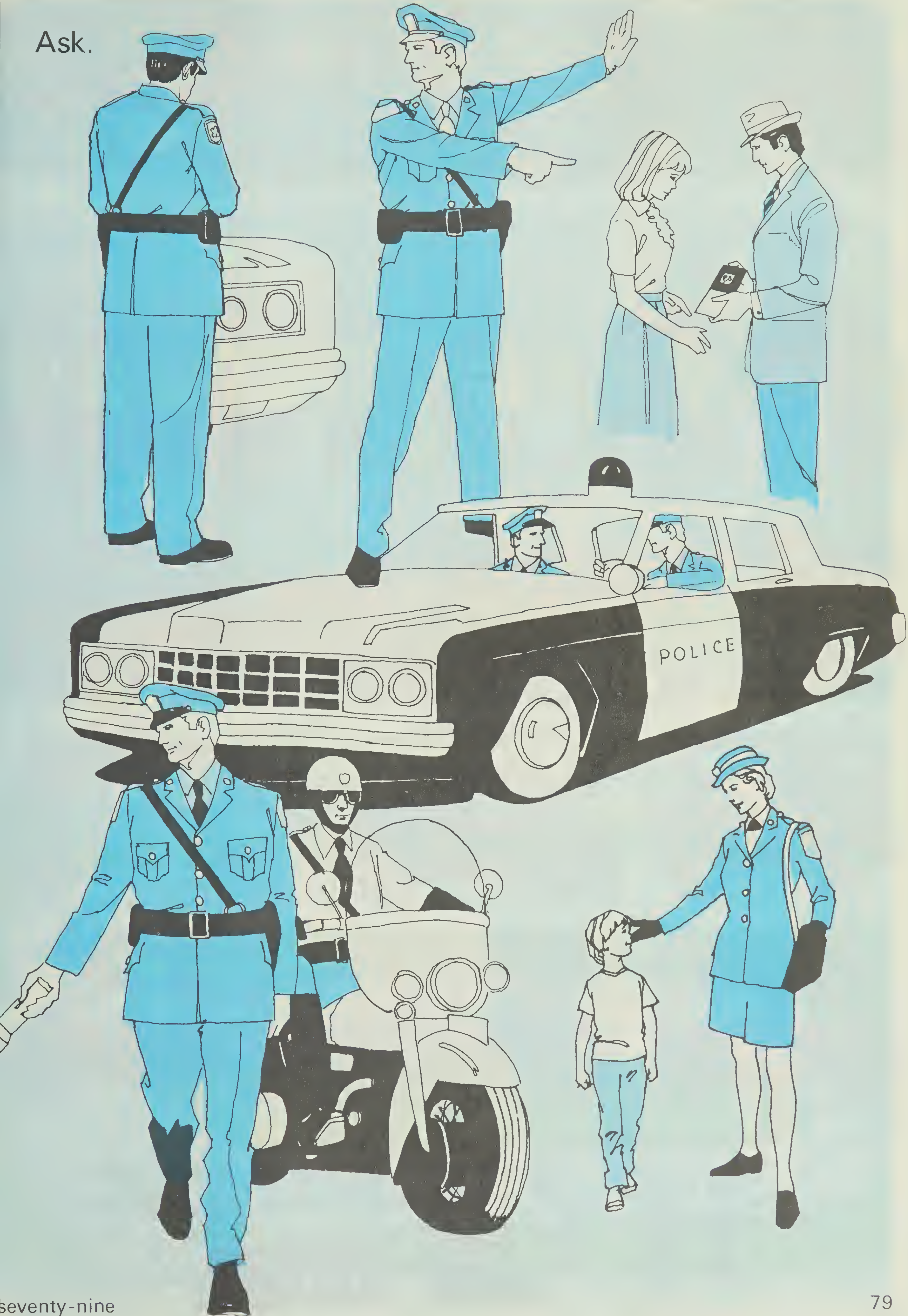
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{10}$



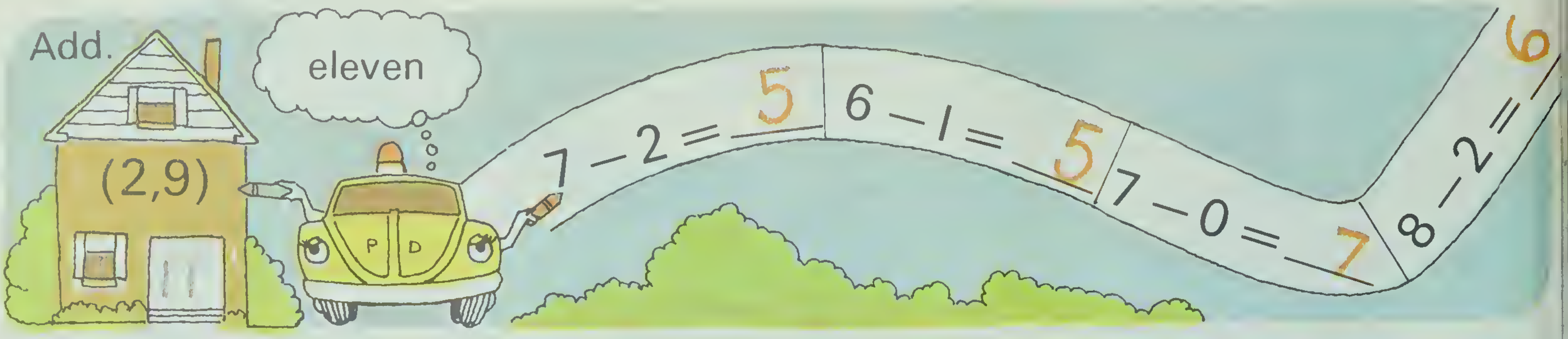
Find the fractions. Colour.


1/10
1/2
1/4
STOP

Ask.



Add.



(2,9)

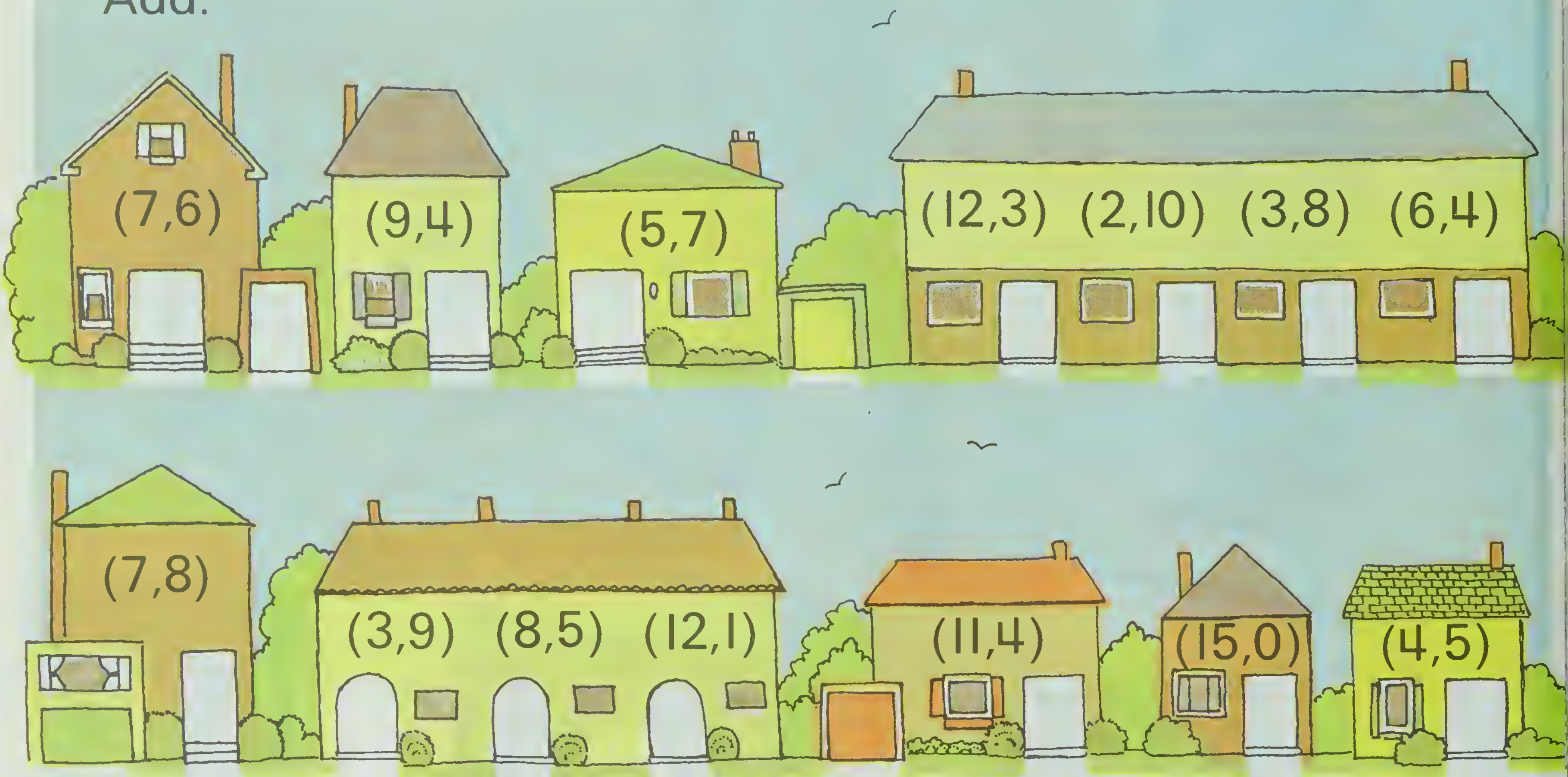
7 − 2 = 5

6 − 1 = 5

7 − 0 = 7

8 − 2 = 6

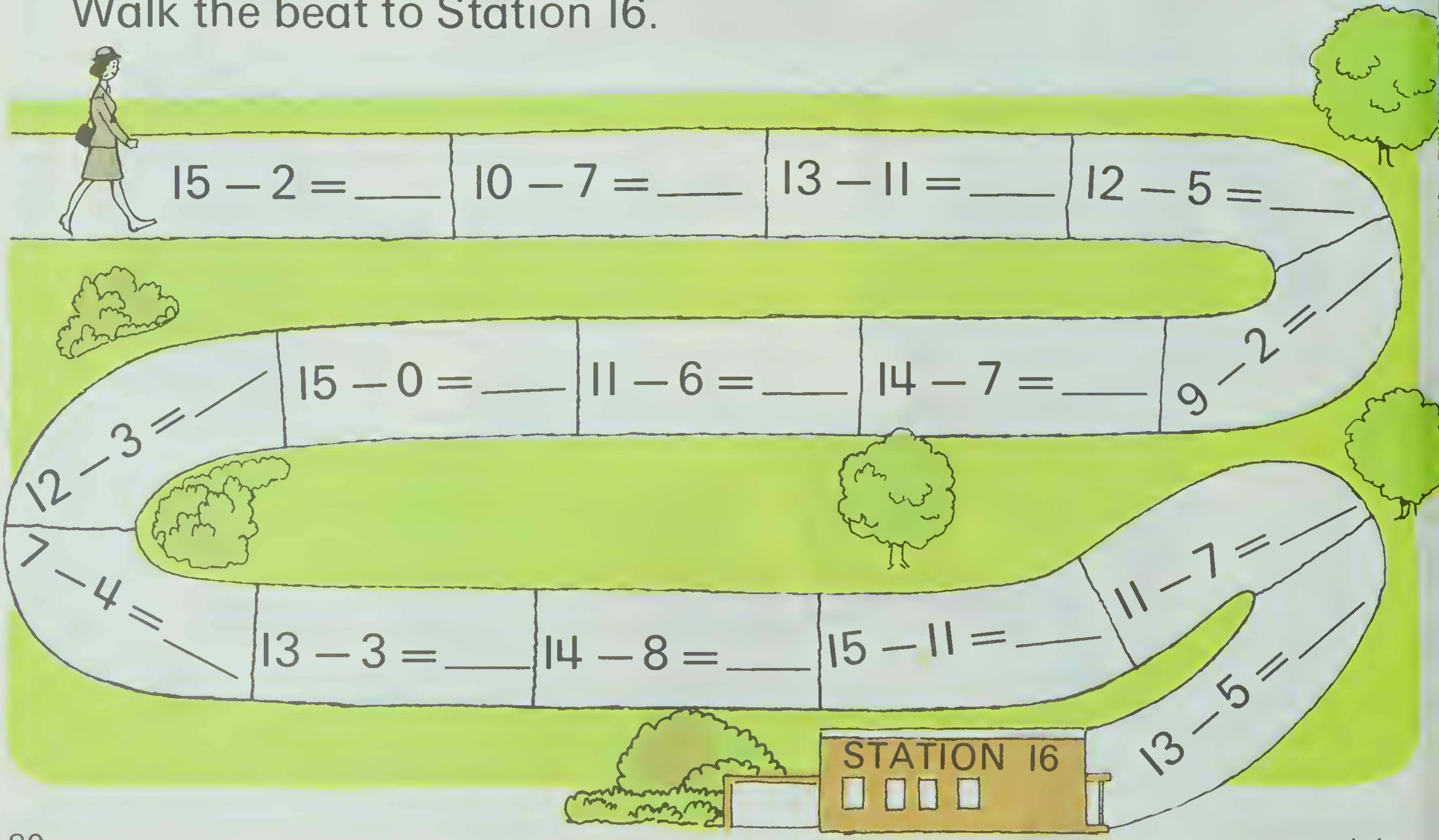
Add.



(7,6) (9,4) (5,7) (12,3) (2,10) (3,8) (6,4)

(7,8) (3,9) (8,5) (12,1) (11,4) (15,0) (4,5)

Walk the beat to Station 16.



15 − 2 = ____

10 − 7 = ____

13 − 11 = ____

12 − 5 = ____

9 − 2 = ____

14 − 7 = ____

11 − 6 = ____

15 − 0 = ____

12 − 3 = ____

7 − 4 = ____

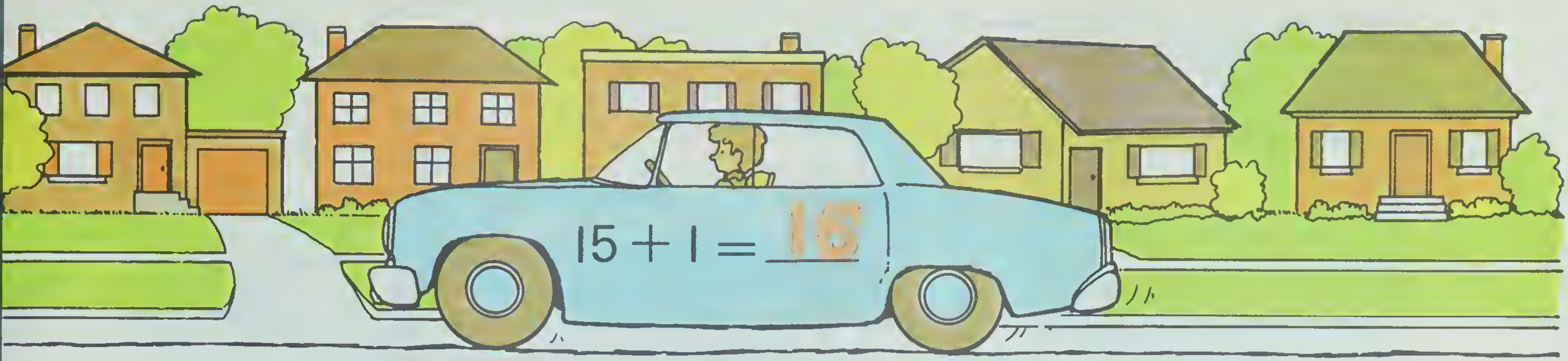
13 − 3 = ____

14 − 8 = ____

15 − 11 = ____

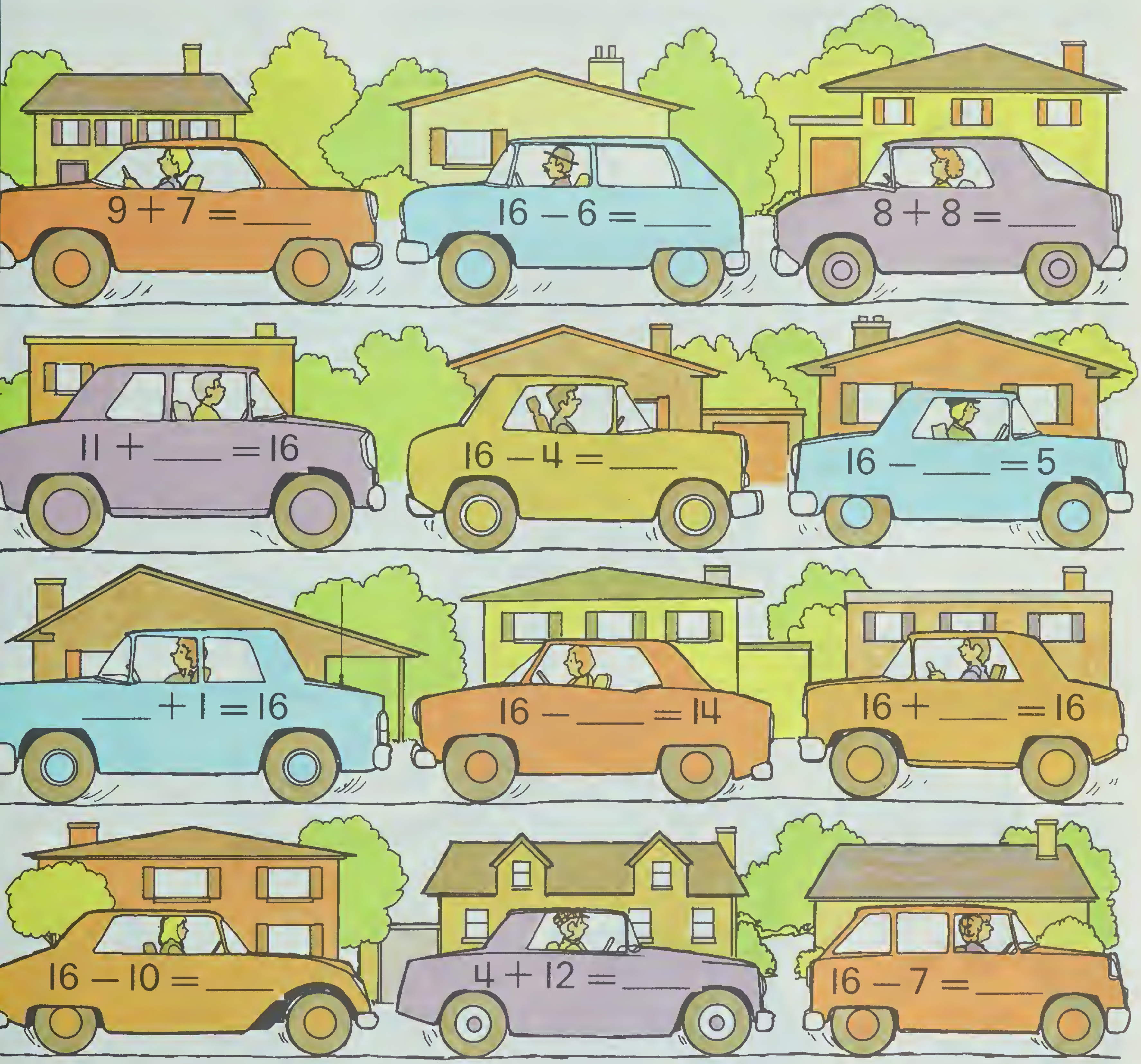
11 − 7 = ____

13 − 5 = ____



15 + 1 = 16

Complete. s_____t_____n



9 + 7 = ____

16 − 6 = ____

8 + 8 = ____

11 + ____ = 16

16 − 4 = ____

16 − ____ = 5

____ + 1 = 16

16 − ____ = 14

16 + ____ = 16

16 − 10 = ____

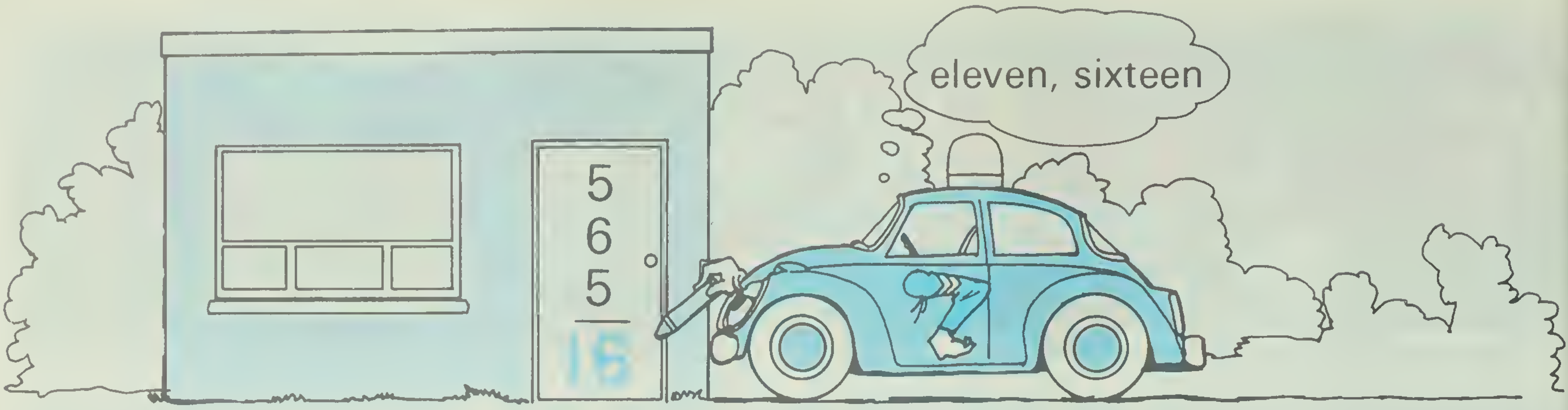
4 + 12 = ____

16 − 7 = ____

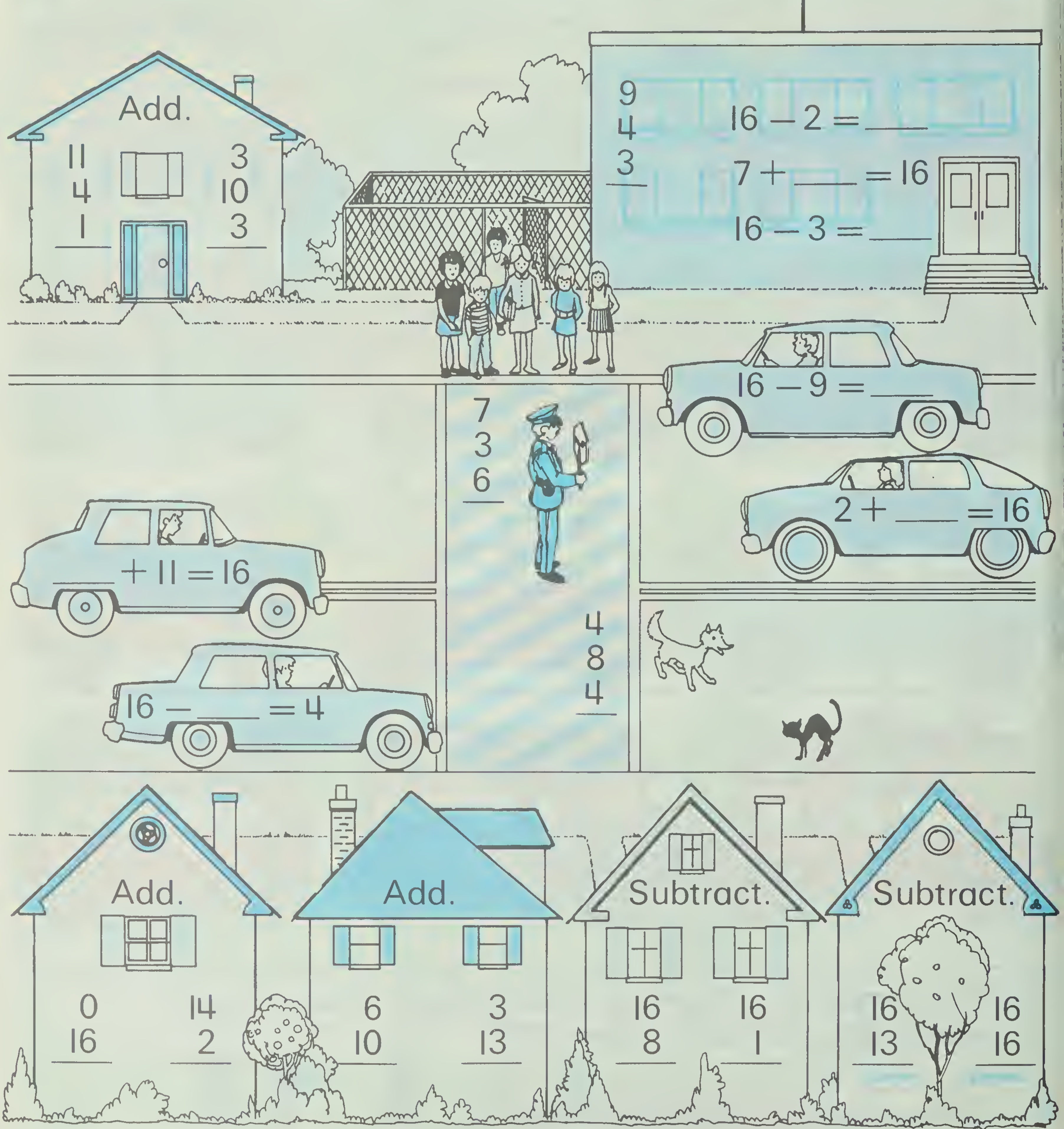
There were 16 policemen in the station. 5 went home.
How many policemen were left?

16 − ____ = ____

There were ____ policemen left.



Cross the street safely. Find the hidden facts.



Add.

$\begin{array}{r}11\\4\\1\\\hline\end{array}$ $\begin{array}{r}3\\10\\3\\\hline\end{array}$

$\begin{array}{r}9\\4\\3\\\hline\end{array}$

16 − 2 = ___

7 + ___ = 16

16 − 3 = ___

16 − 9 = ___

$\begin{array}{r}7\\3\\6\\\hline\end{array}$

2 + ___ = 16

___ + 11 = 16

16 − ___ = 4

$\begin{array}{r}4\\8\\4\\\hline\end{array}$

Add.

$\begin{array}{r}0\\16\\\hline\end{array}$ $\begin{array}{r}14\\2\\\hline\end{array}$

Add.

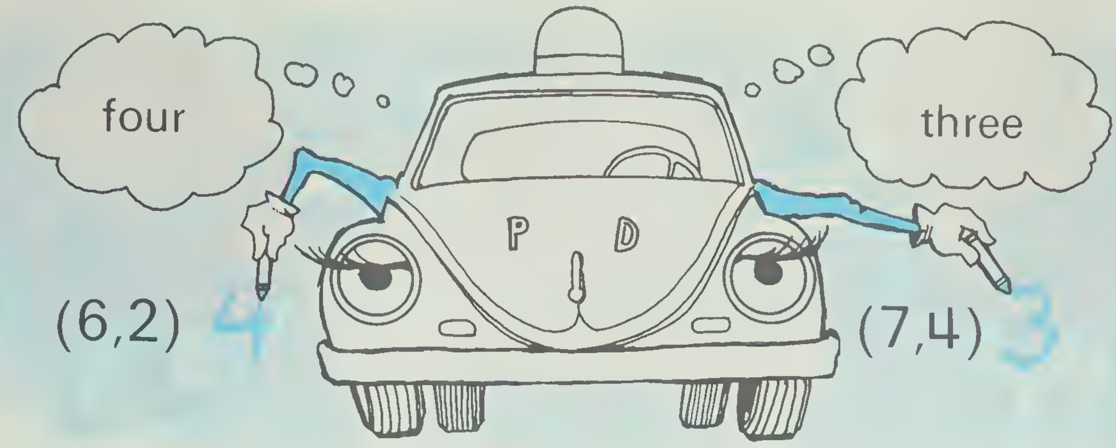
$\begin{array}{r}6\\10\\\hline\end{array}$ $\begin{array}{r}3\\13\\\hline\end{array}$

Subtract.

$\begin{array}{r}16\\8\\\hline\end{array}$ $\begin{array}{r}16\\1\\\hline\end{array}$

Subtract.

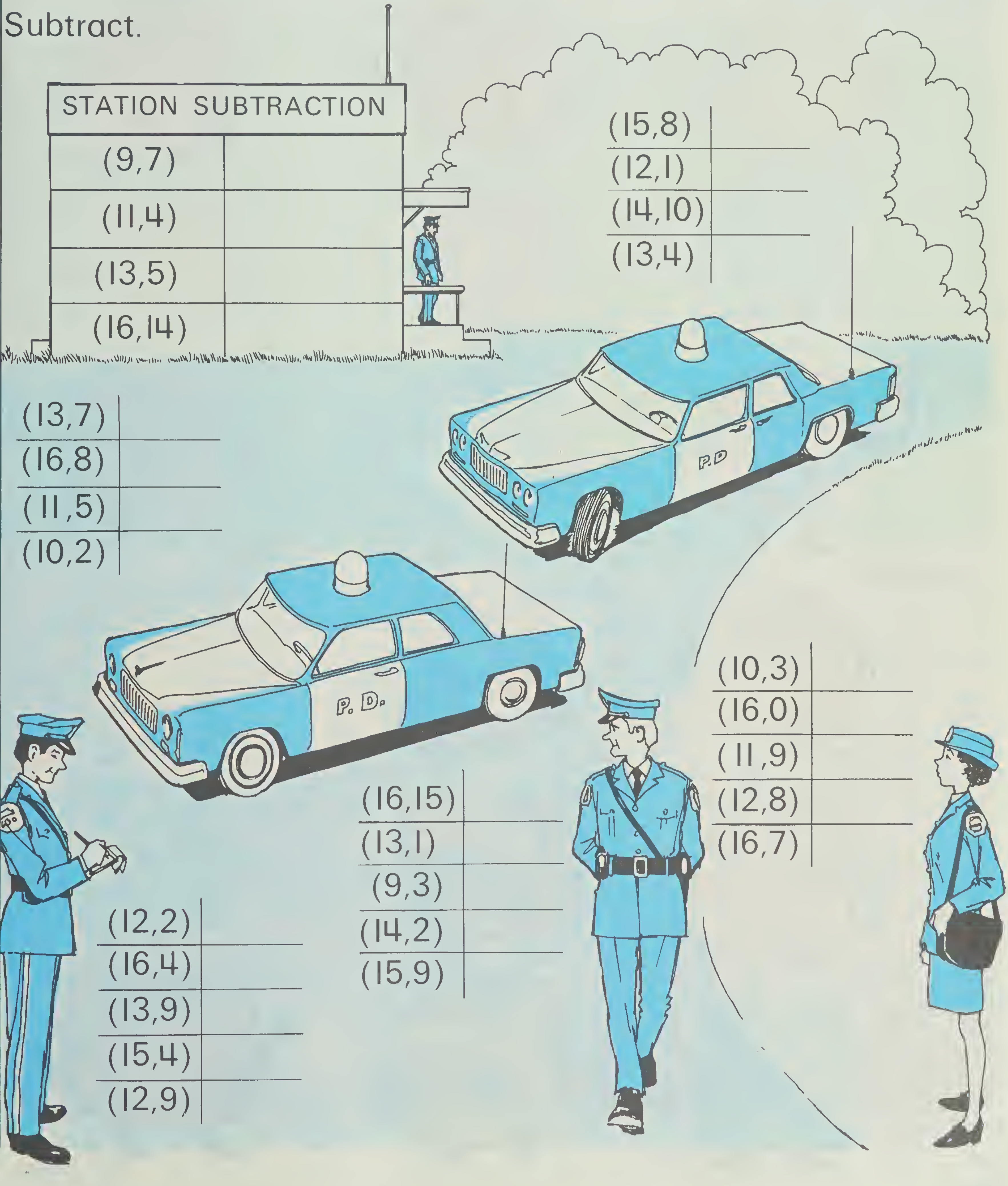
$\begin{array}{r}16\\13\\\hline\end{array}$ $\begin{array}{r}16\\16\\\hline\end{array}$



(6,2) 4

(7,4) 3

Subtract.



STATION SUBTRACTION	
(9,7)	
(11,4)	
(13,5)	
(16,14)	

(15,8)
(12,1)
(14,10)
(13,4)

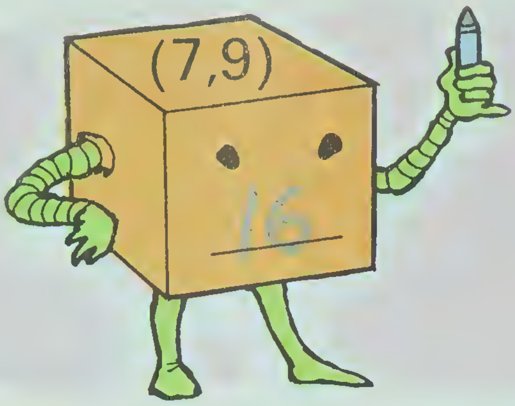
(13,7)
(16,8)
(11,5)
(10,2)

(10,3)
(16,0)
(11,9)
(12,8)
(16,7)

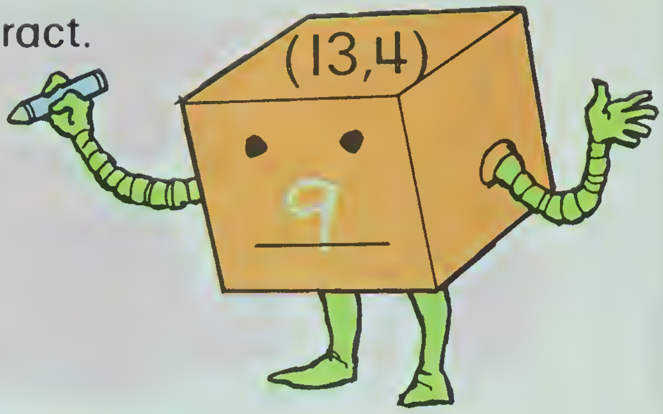
(16,15)
(13,1)
(9,3)
(14,2)
(15,9)

(12,2)
(16,4)
(13,9)
(15,4)
(12,9)

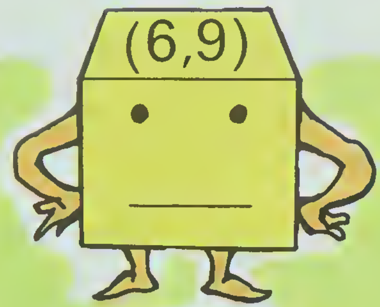
Add.

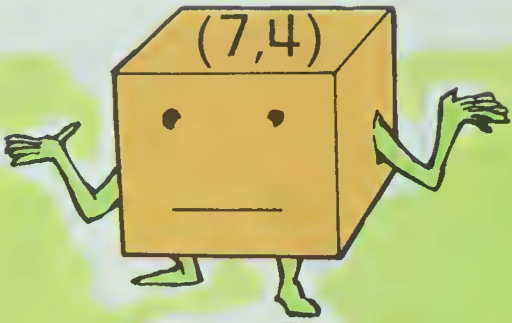


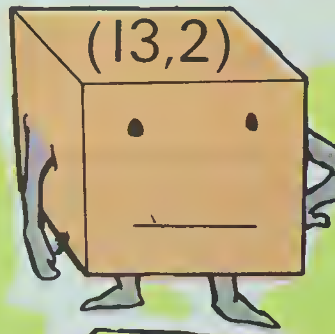
Subtract.

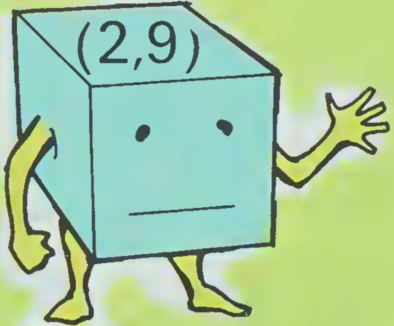


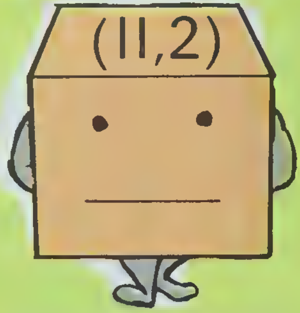
Add.

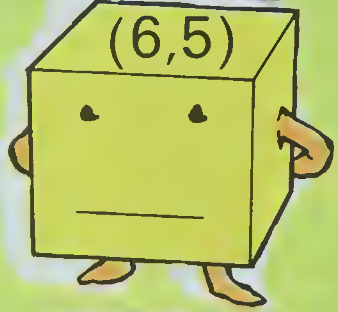


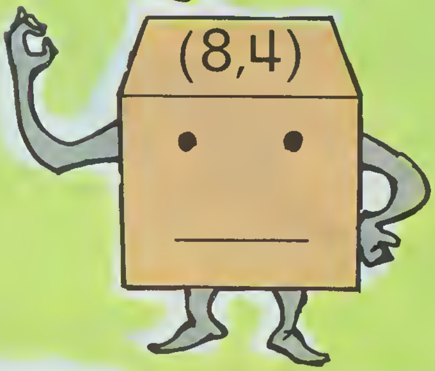


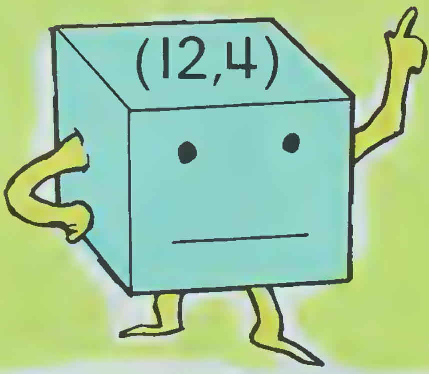


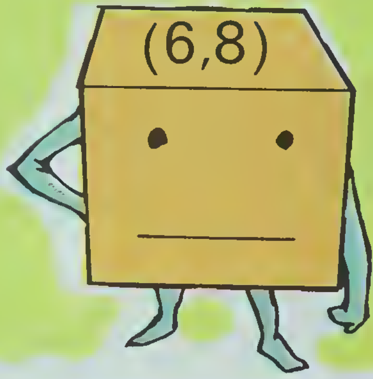




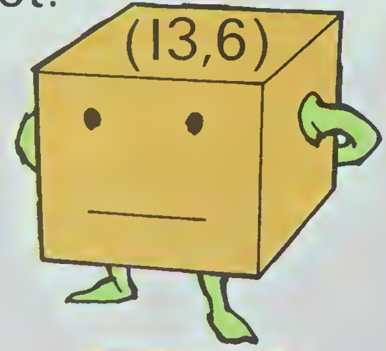


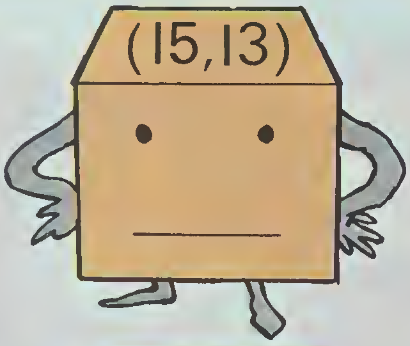


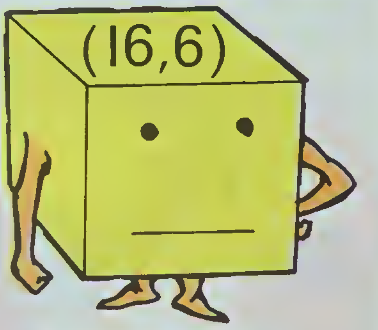


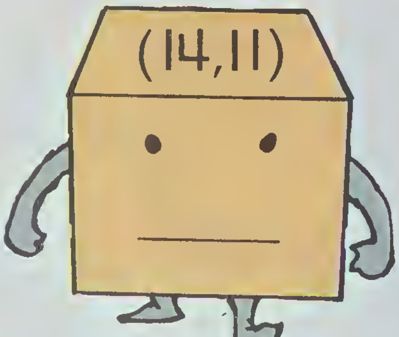


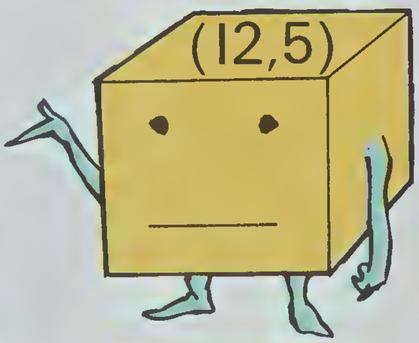
Subtract.

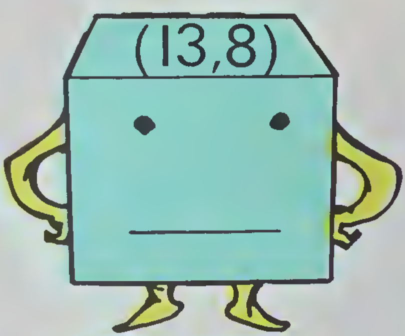


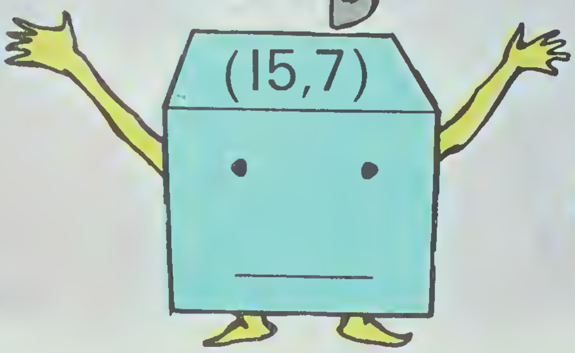


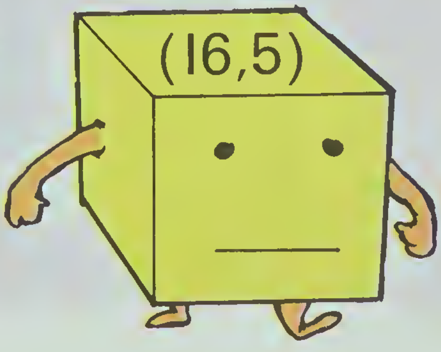


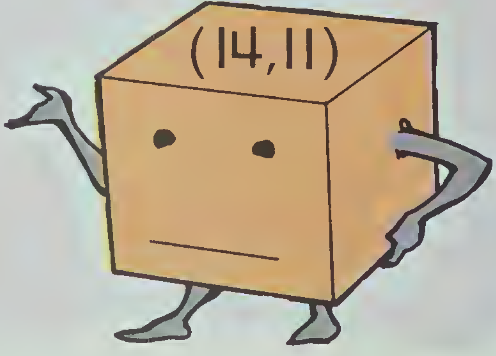


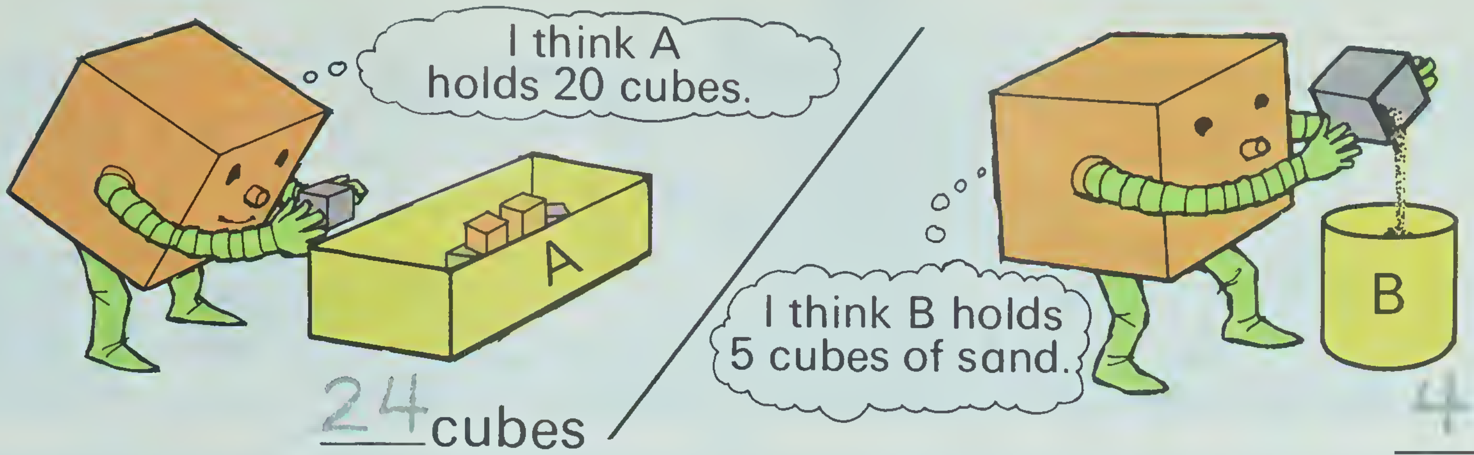











I think A holds 20 cubes.
A
I think B holds 5 cubes of sand.
B

24 cubes

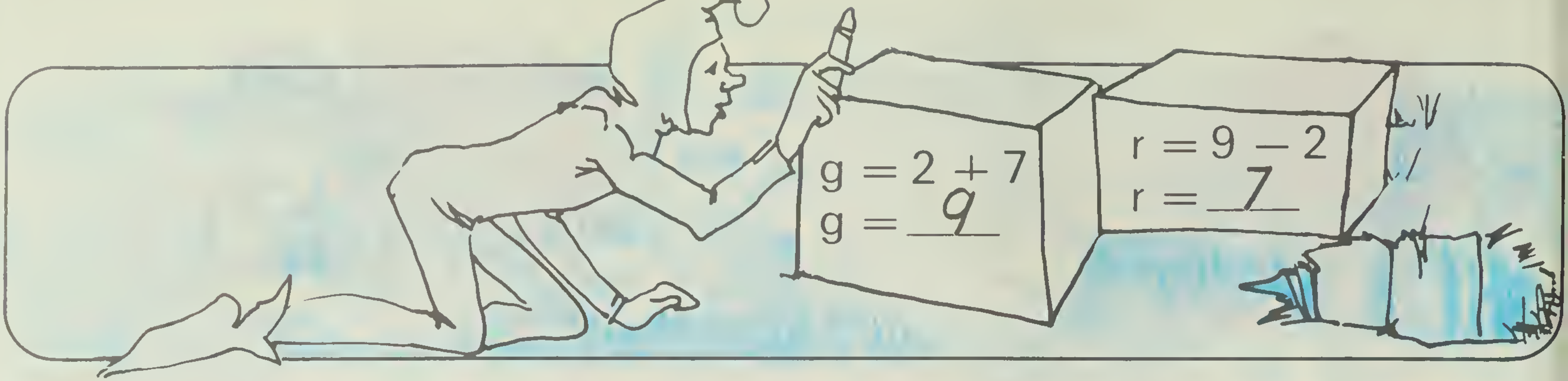
4 cubes

How many cubes does each box hold?

Box	Guess	Measurement
A	____cubes	____cubes
B	____cubes	____cubes
C	____cubes	____cubes
D	____cubes	____cubes

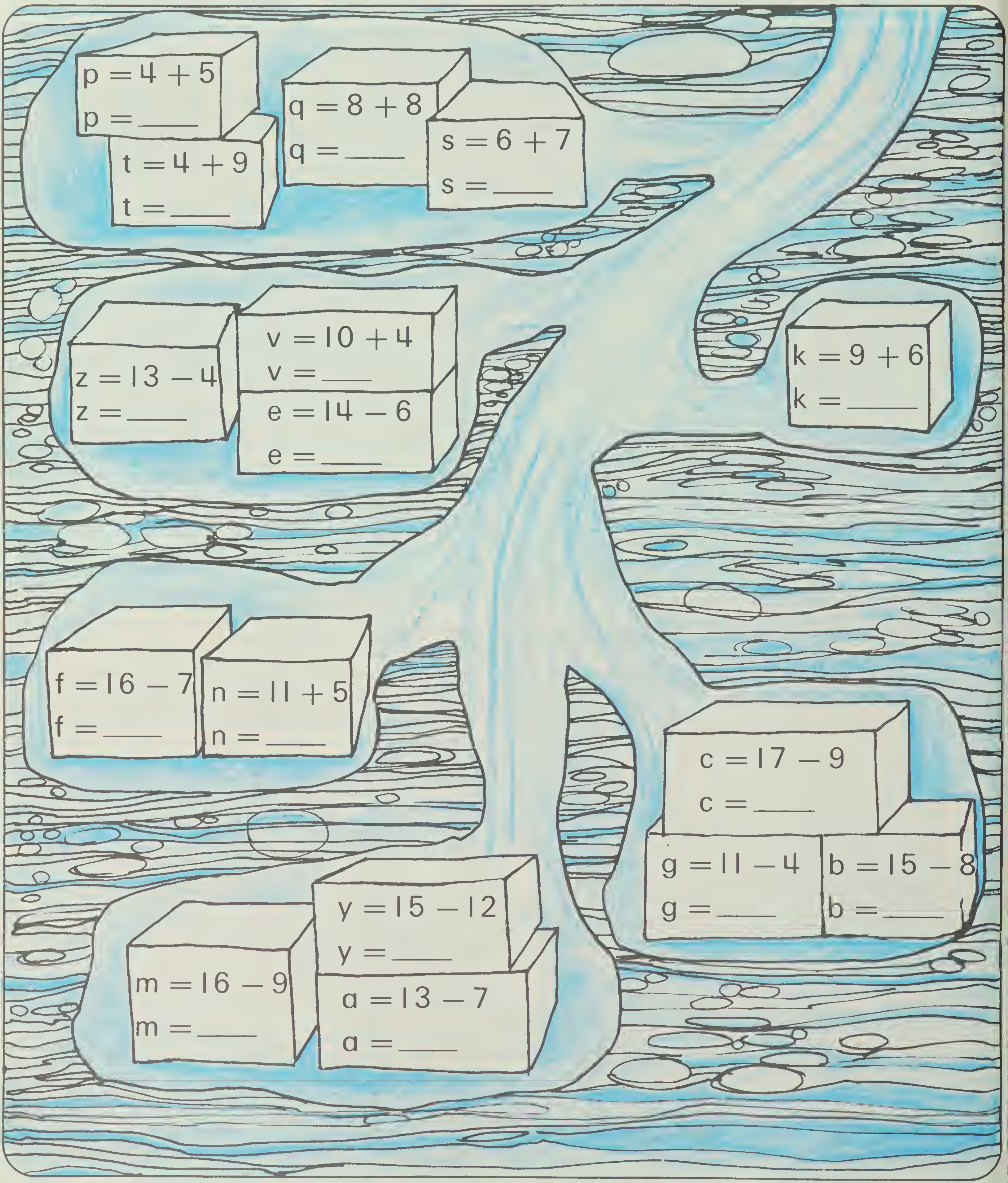
How many cubes of sand does each box hold?

Box	Guess	Measurement
E	____cubes	____cubes
F	____cubes	____cubes
G	____cubes	____cubes
H	____cubes	____cubes



g = 2 + 7
g = 9

r = 9 − 2
r = 7



p = 4 + 5
p = ____

t = 4 + 9
t = ____

q = 8 + 8
q = ____

s = 6 + 7
s = ____

z = 13 − 4
z = ____

v = 10 + 4
v = ____

e = 14 − 6
e = ____

k = 9 + 6
k = ____

f = 16 − 7
f = ____

n = 11 + 5
n = ____

c = 17 − 9
c = ____

g = 11 − 4
g = ____

b = 15 − 8
b = ____

m = 16 − 9
m = ____

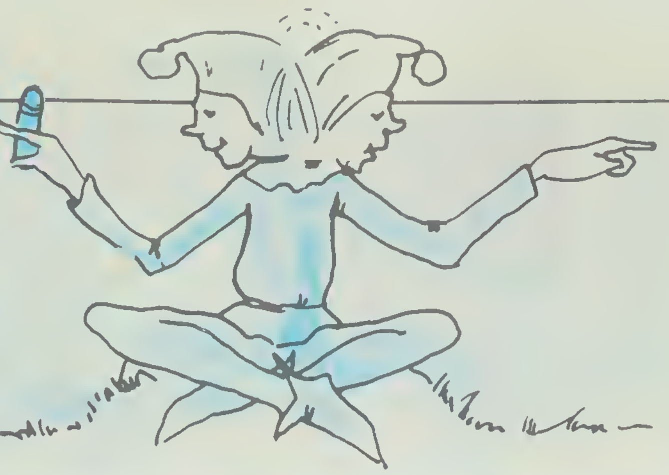
y = 15 − 12
y = ____

a = 13 − 7
a = ____

$f = 4 + 6$
$f =$ 10

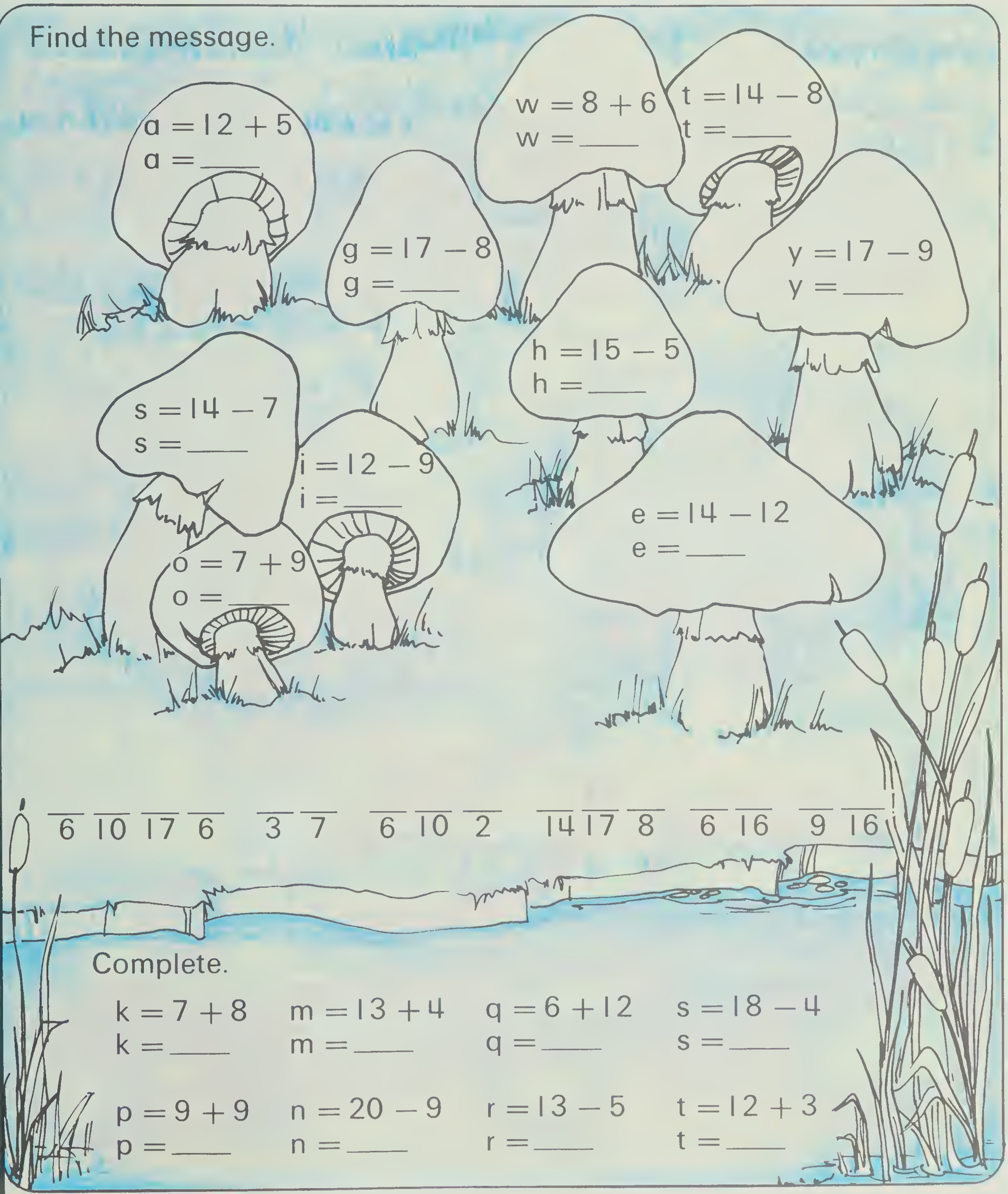
$e = 9 - 7$
$e =$ 2

$l = 5 + 4$
$l =$ 9



e ℓ f
2 9 10

Find the message.



$a = 12 + 5$
$a =$ ____

$w = 8 + 6$
$w =$ ____

$t = 14 - 8$
$t =$ ____

$g = 17 - 8$
$g =$ ____

$y = 17 - 9$
$y =$ ____

$h = 15 - 5$
$h =$ ____

$s = 14 - 7$
$s =$ ____

$i = 12 - 9$
$i =$ ____

$e = 14 - 12$
$e =$ ____

$o = 7 + 9$
$o =$ ____

6 10 17 6   3 7   6 10 2   14 17 8   6 16   9 16

Complete.

$k = 7 + 8$
$k =$ ____

$m = 13 + 4$
$m =$ ____

$q = 6 + 12$
$q =$ ____

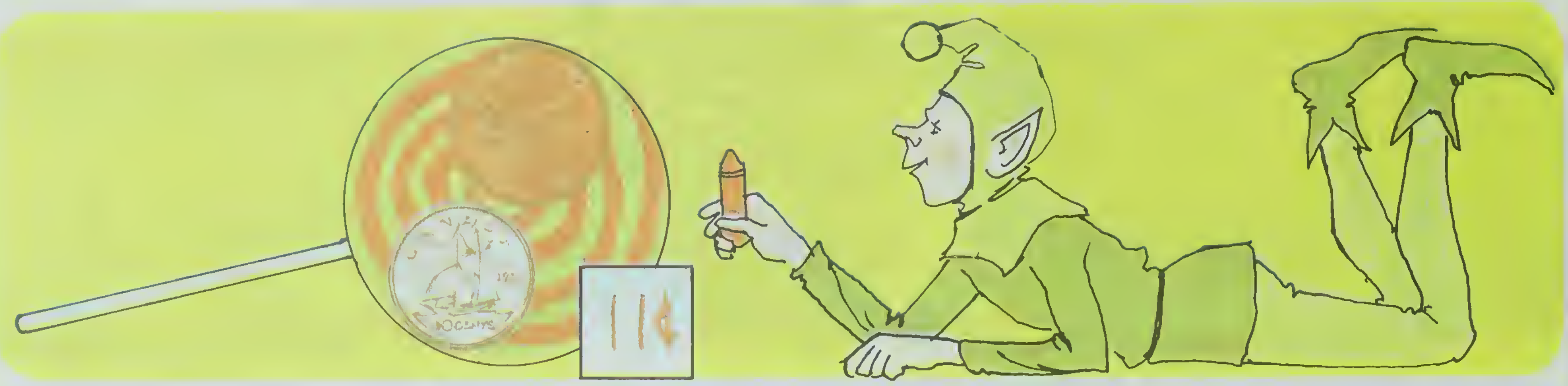
$s = 18 - 4$
$s =$ ____

$p = 9 + 9$
$p =$ ____

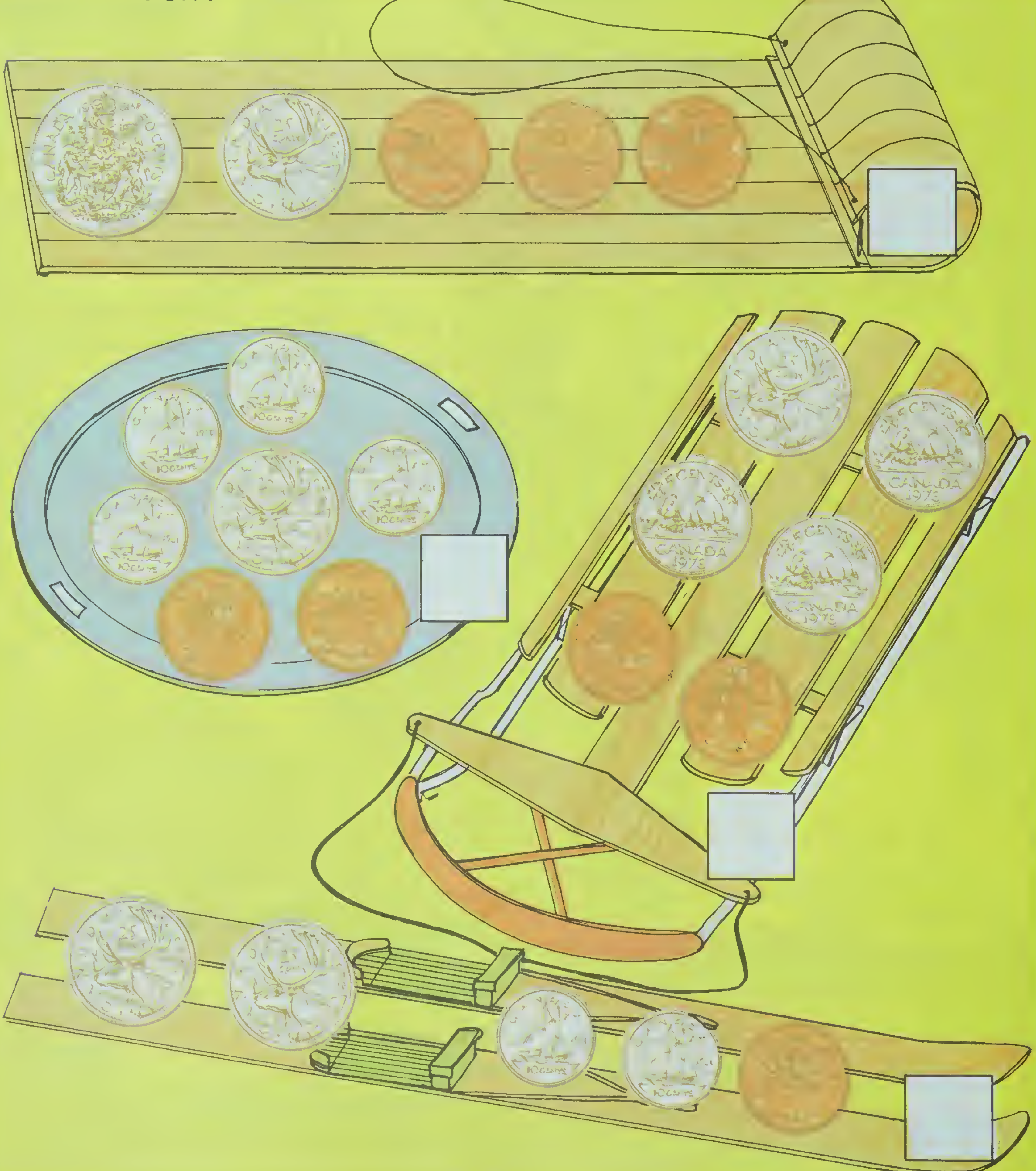
$n = 20 - 9$
$n =$ ____

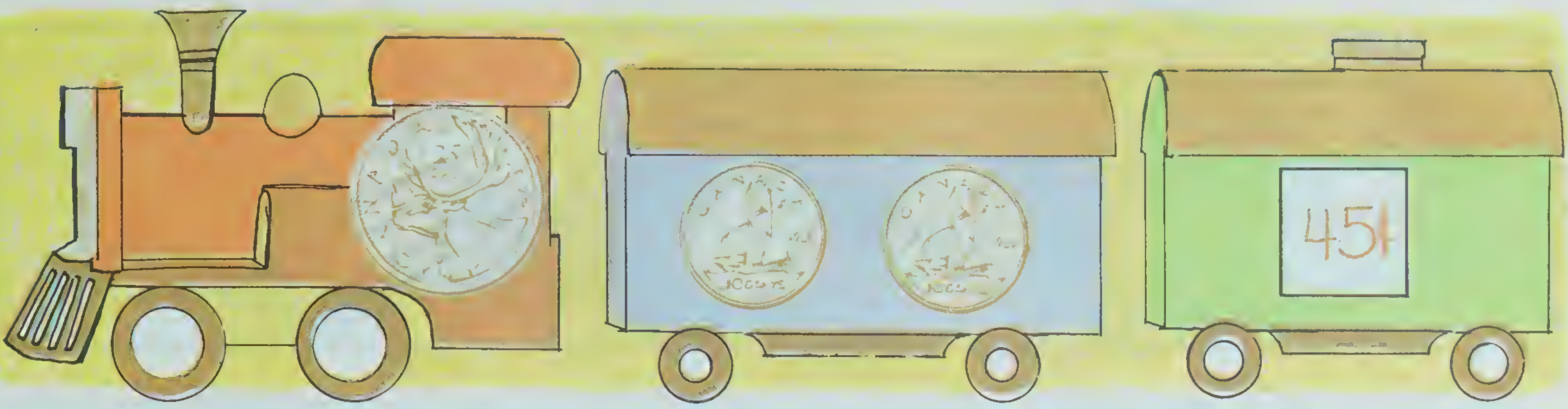
$r = 13 - 5$
$r =$ ____

$t = 12 + 3$
$t =$ ____

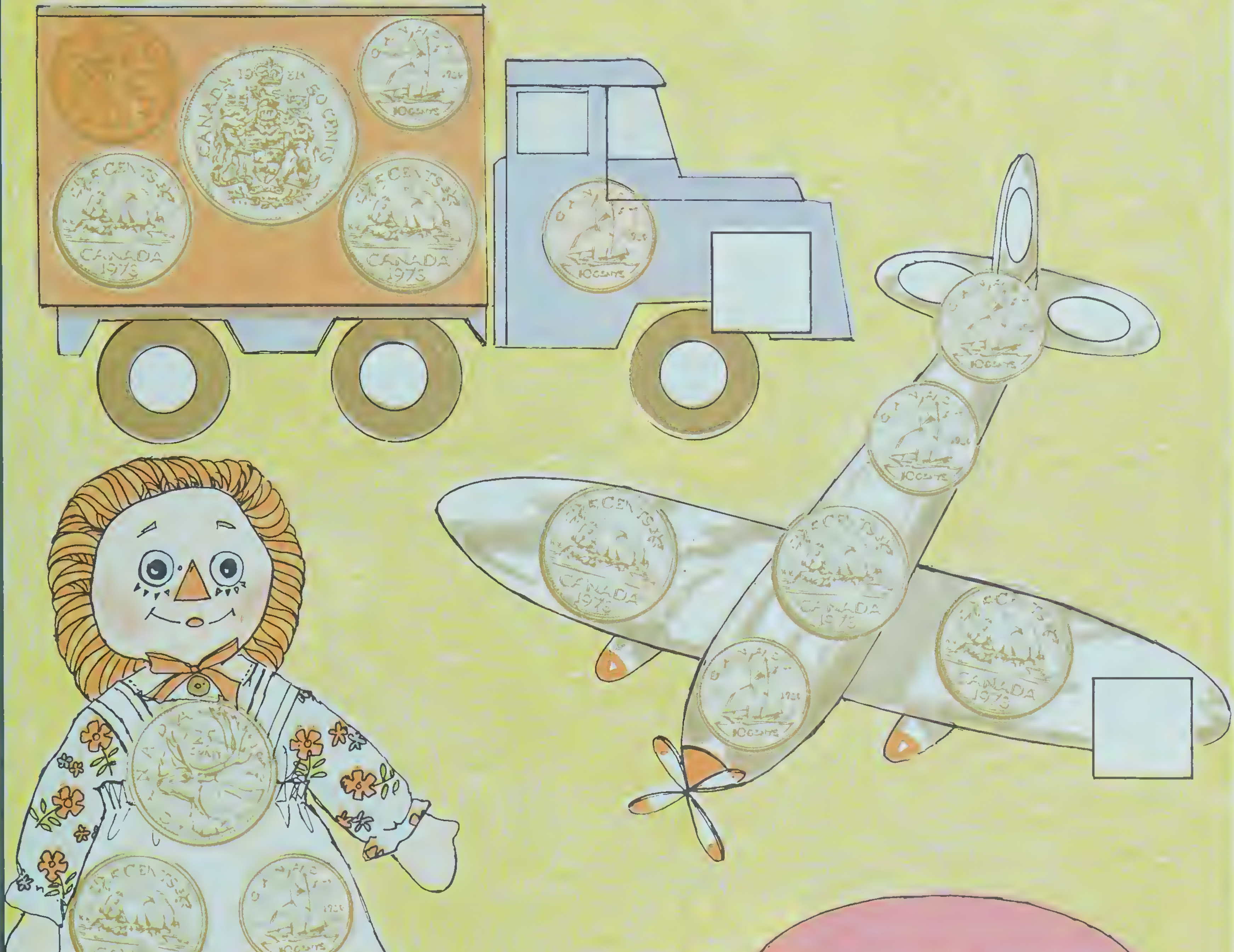


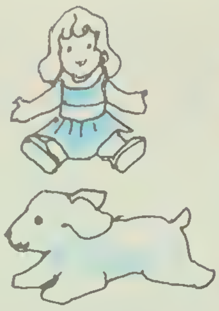
How much?





How much?



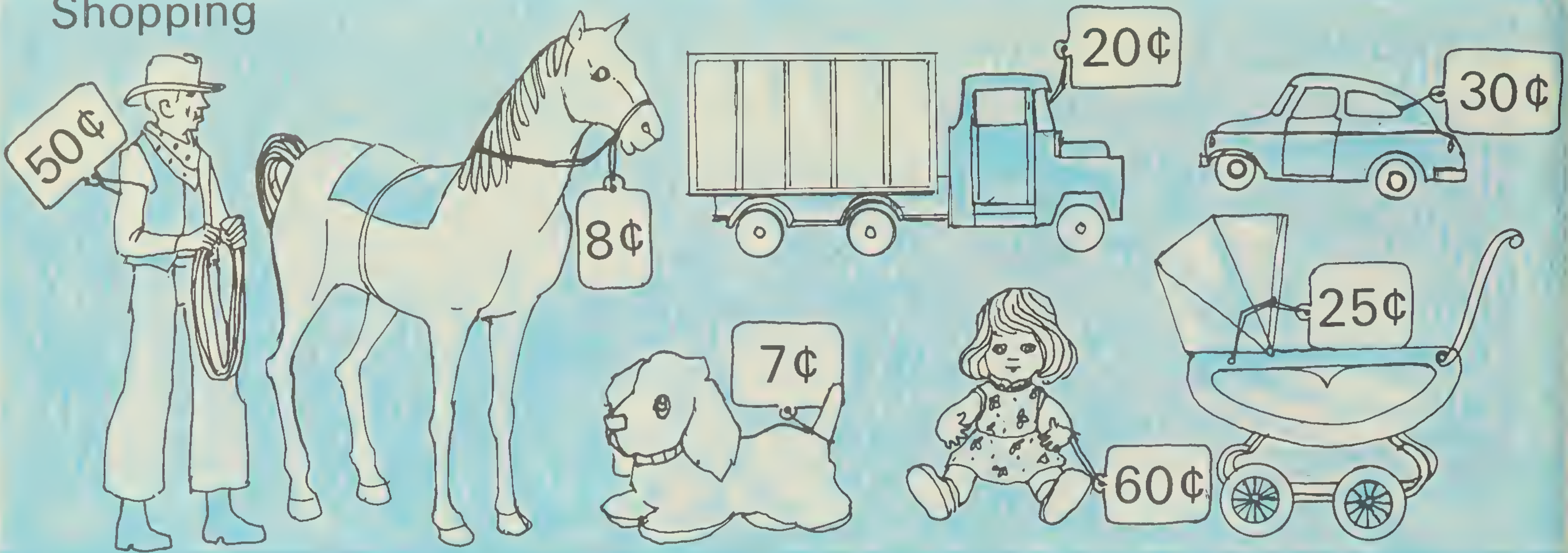


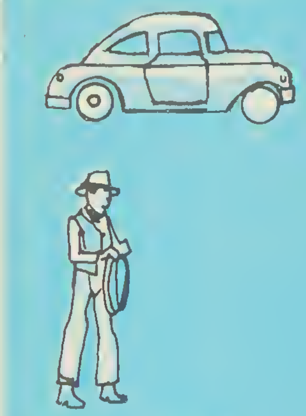
60 ¢

7 ¢

67¢

Shopping

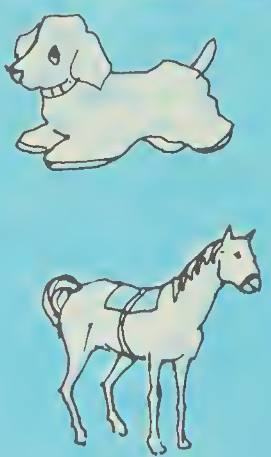

50¢
8¢
20¢
30¢
7¢
60¢
25¢



____¢

____¢

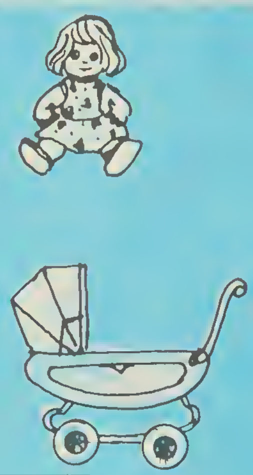
____



____¢

____¢

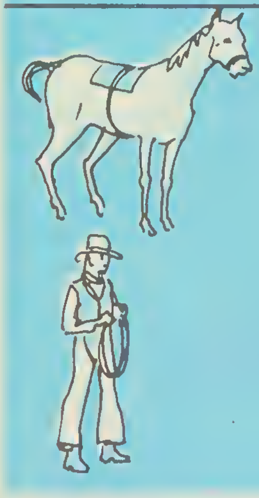
____



____¢

____¢

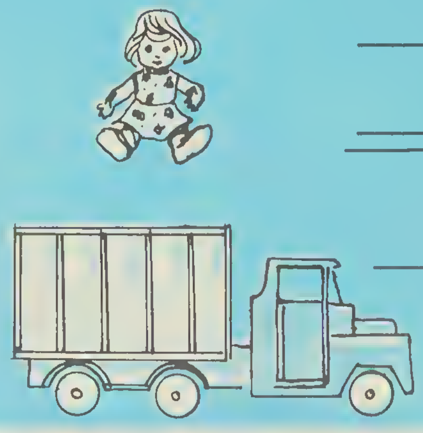
____



____¢

____¢

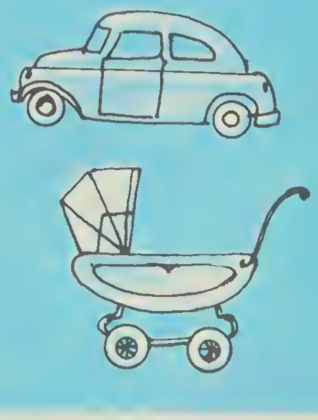
____



____¢

____¢

____



____¢

____¢

____

You choose.

____¢

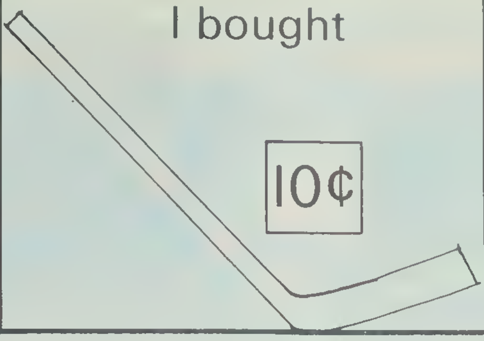
____¢

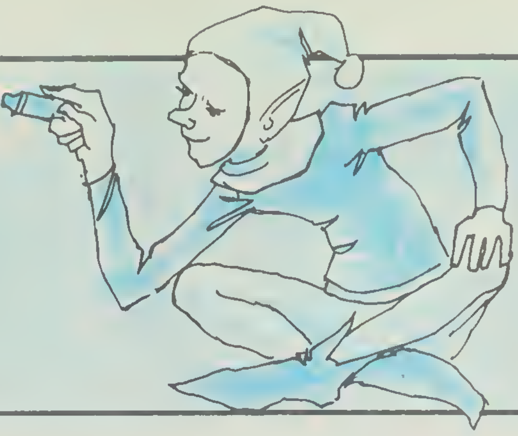
____

____¢

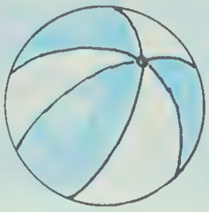
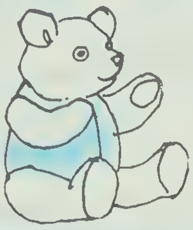
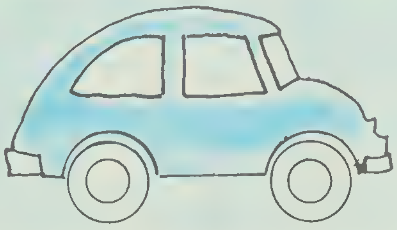
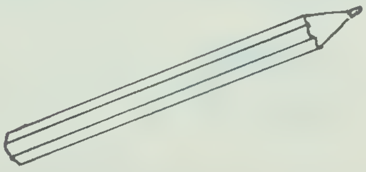
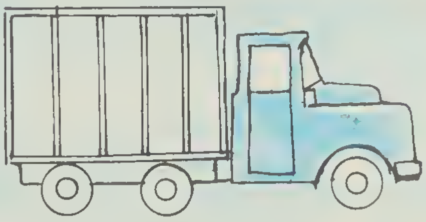
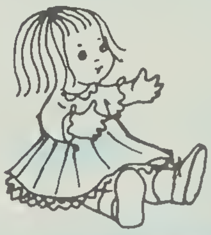
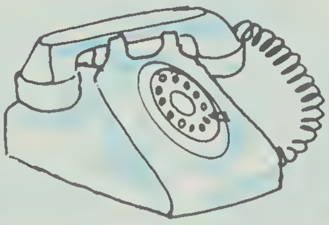
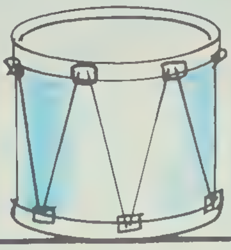
____¢

____

I had	I bought	Now I have
16¢	 10¢	6¢



Make change.

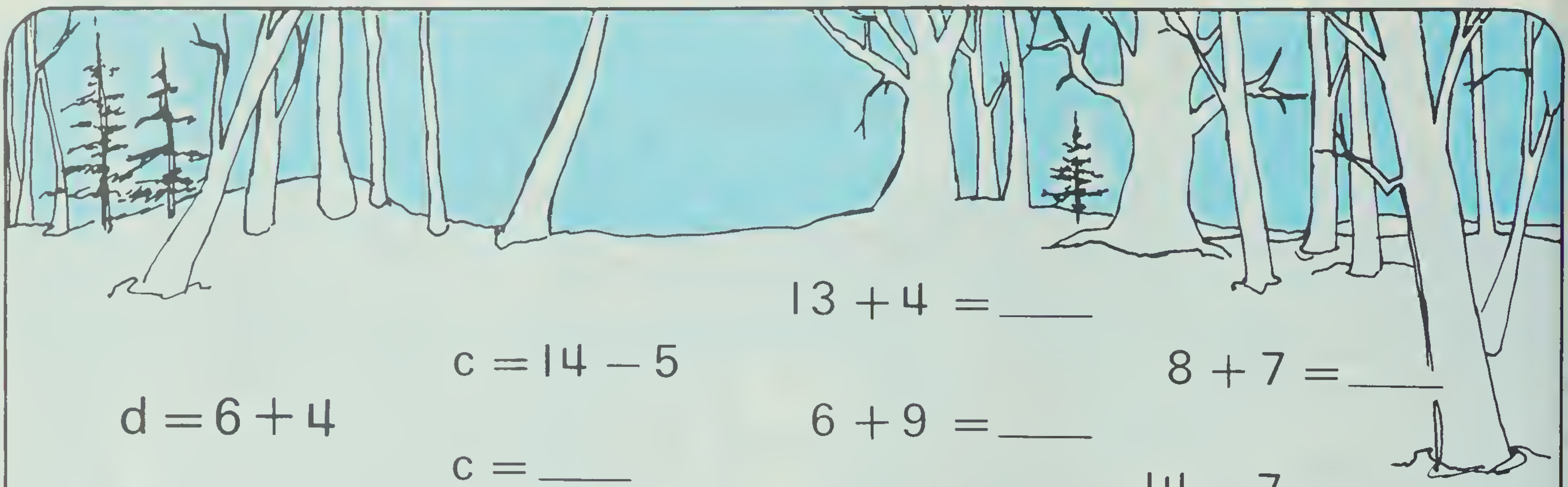
I had	I bought	Now I have
50¢	 25¢	
25¢	 5¢	
16¢	 9¢	
12¢	 5¢	
60¢	 10¢	
75¢	 50¢	
15¢	 8¢	
20¢	 12¢	

16 − 4 = 12

6 + 8 = 14

n = 13 − 5

n = 8



d = 6 + 4

d = ____

a = 13 − 10

a = ____

e = 11 + 2

e = ____

w = 16 + 0

w = ____

c = 14 − 5

c = ____

g = 7 + 6

g = ____

q = 15 − 6

q = ____

13 + 4 = ____

6 + 9 = ____

16 − 5 = ____

11 − 4 = ____

14 − 8 = ____

9 + 7 = ____

10 + 6 = ____

11 + 5 = ____

8 + 7 = ____

14 − 7 = ____

16 − 4 = ____

11 − 3 = ____

10 + 4 = ____

13 − 0 = ____

12 − 6 = ____

16 − 9 = ____

12 − 7 = ____

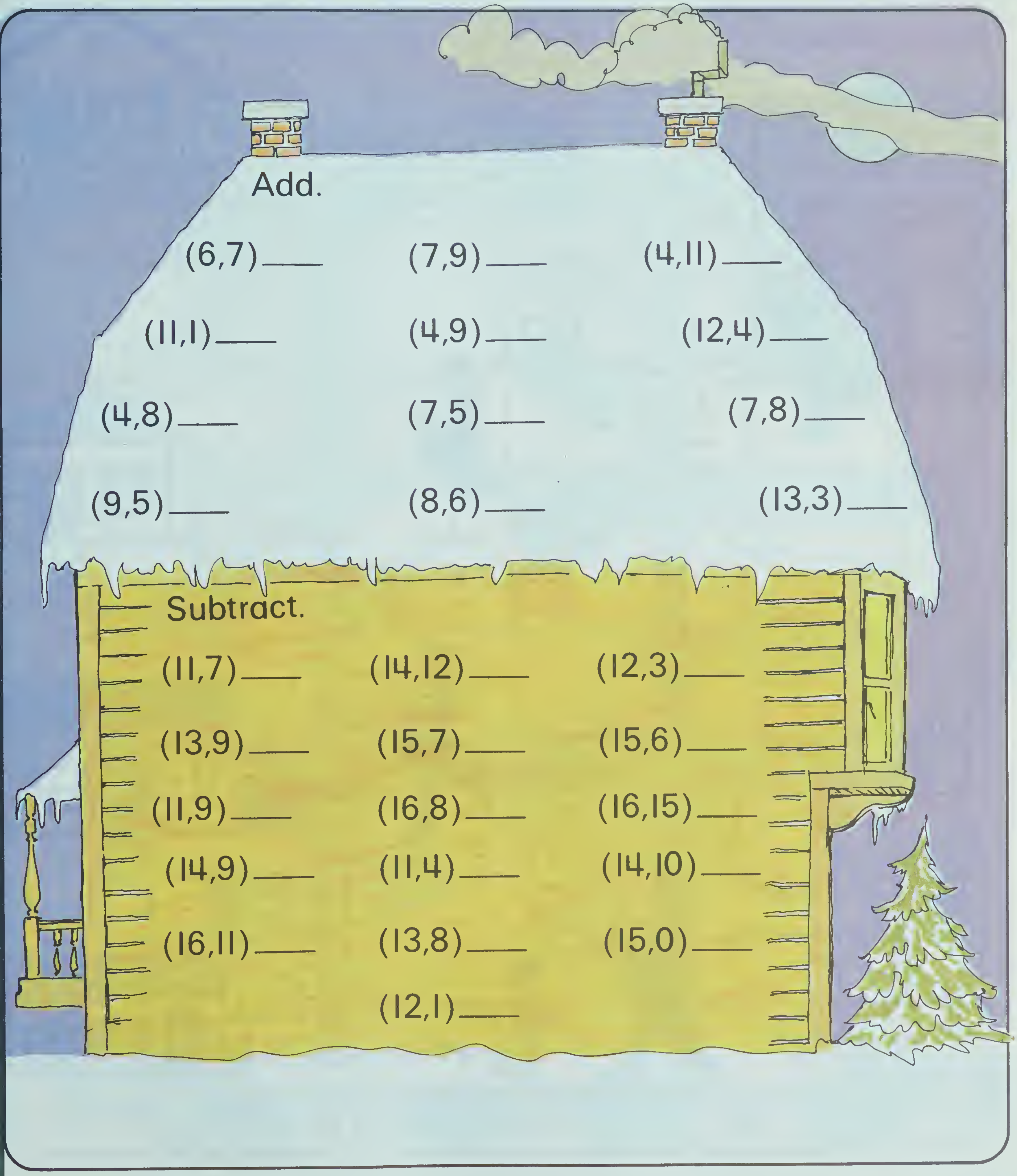
PAINT BY NUMBER

Add.

(5,11) 16

Subtract.

(16,3) 13



Add.

(6,7) ____

(7,9) ____

(4,11) ____

(11,1) ____

(4,9) ____

(12,4) ____

(4,8) ____

(7,5) ____

(7,8) ____

(9,5) ____

(8,6) ____

(13,3) ____

Subtract.

(11,7) ____

(14,12) ____

(12,3) ____

(13,9) ____

(15,7) ____

(15,6) ____

(11,9) ____

(16,8) ____

(16,15) ____

(14,9) ____

(11,4) ____

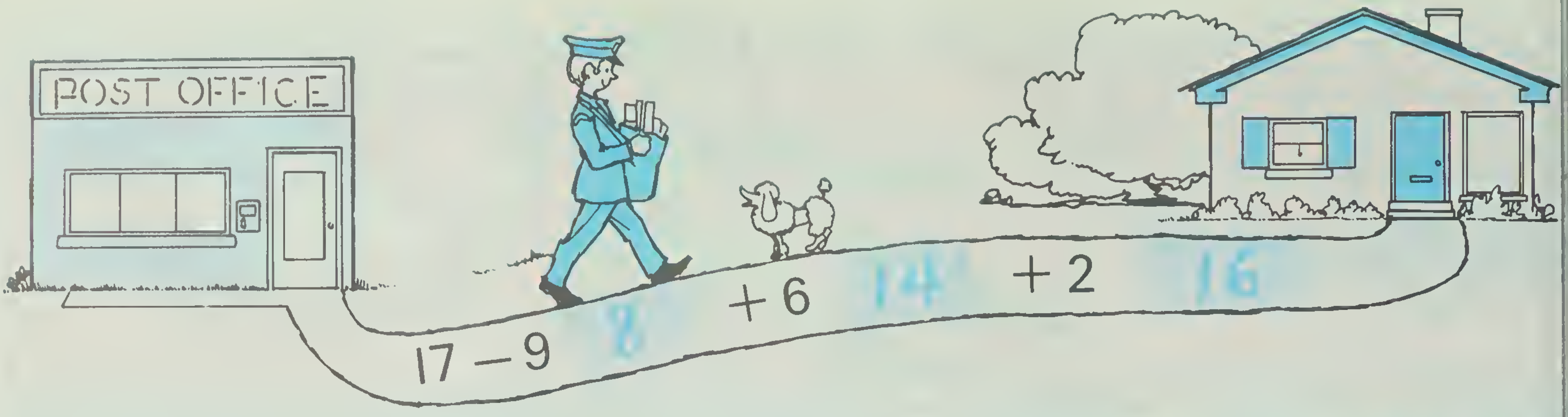
(14,10) ____

(16,11) ____

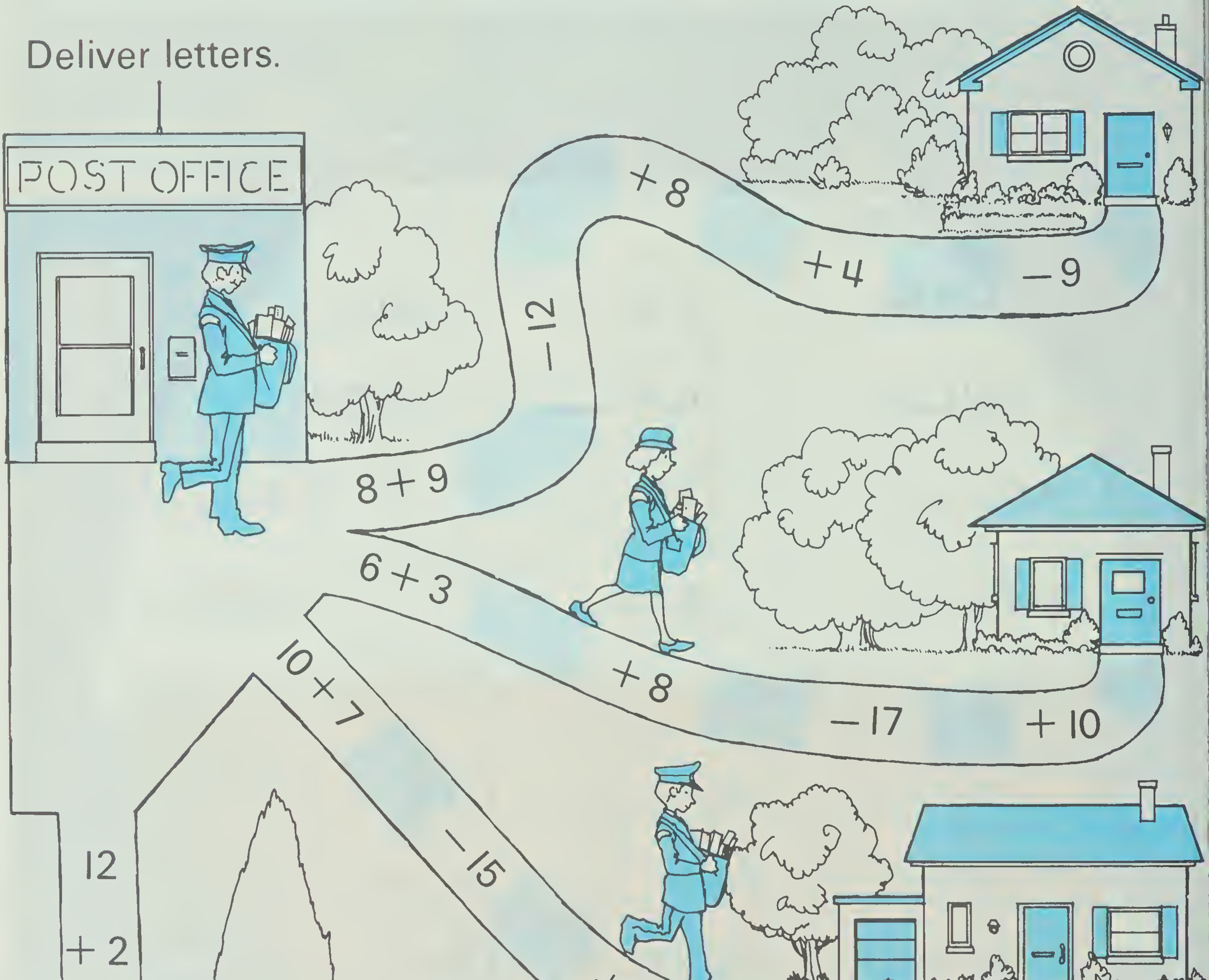
(13,8) ____

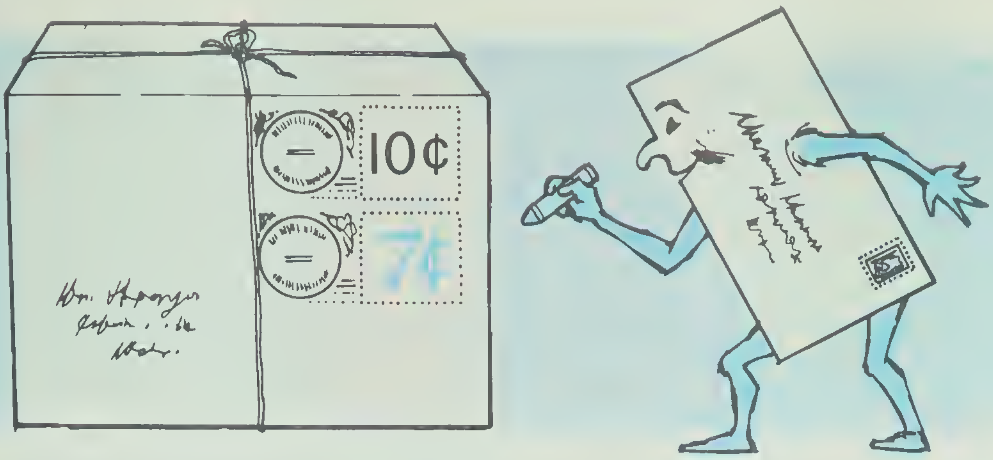
(15,0) ____

(12,1) ____


POST OFFICE
17 − 9
8
+ 6
14
+ 2
16

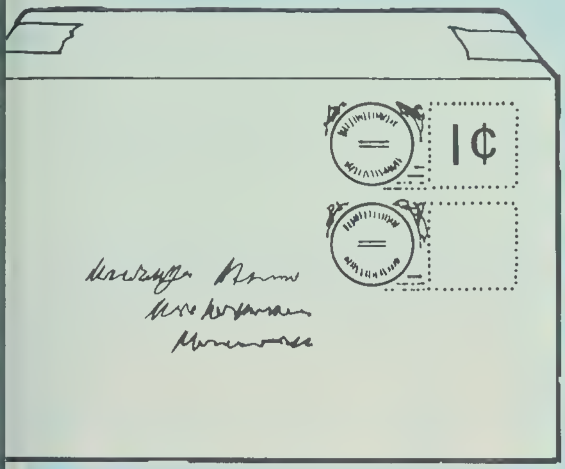
Deliver letters.

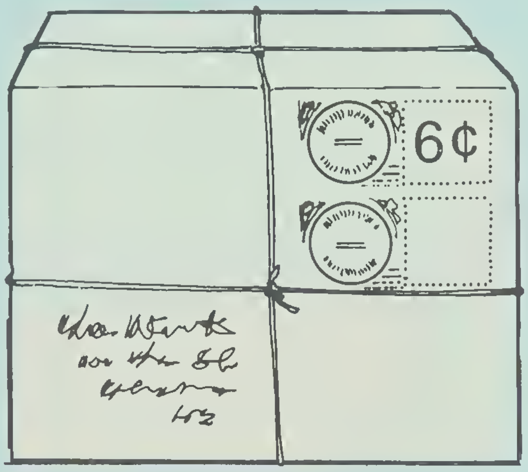

POST OFFICE
8 + 9
− 12
+ 8
+ 4
− 9
6 + 3
+ 8
− 17
+ 10
10 + 7
− 15
+ 9
+ 6
− 16
12
+ 2
+ 3
− 8
+ 3
+ 5

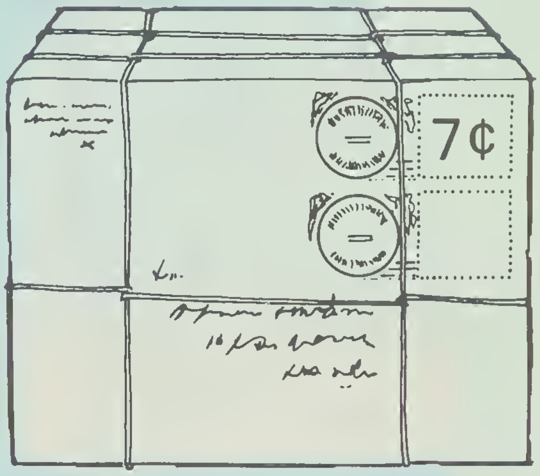


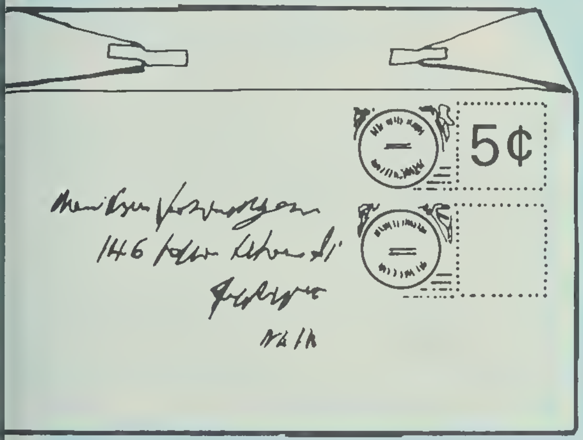
s _ _ _ n t _ _ _

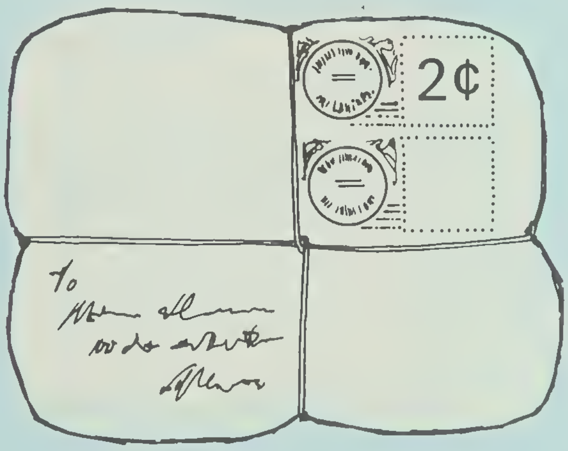
Mail the parcels.
hey all need 17¢ in stamps.

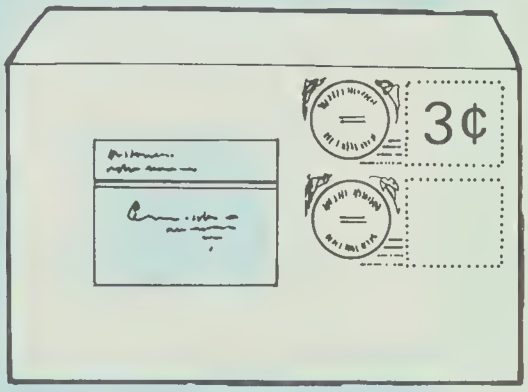


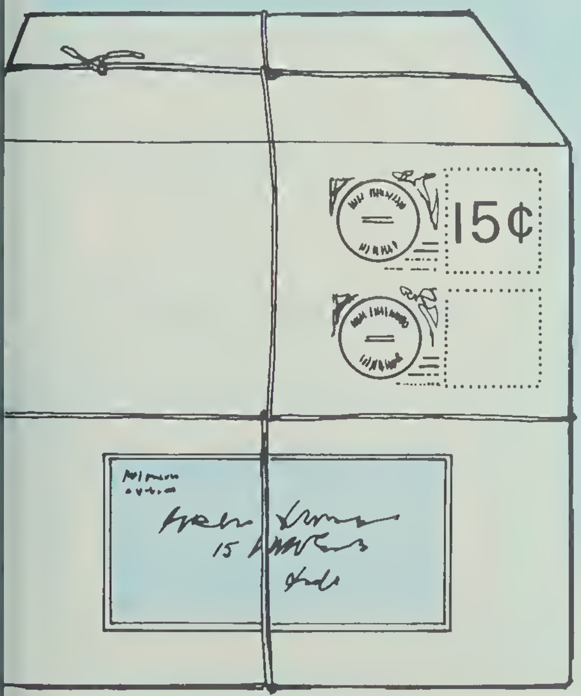


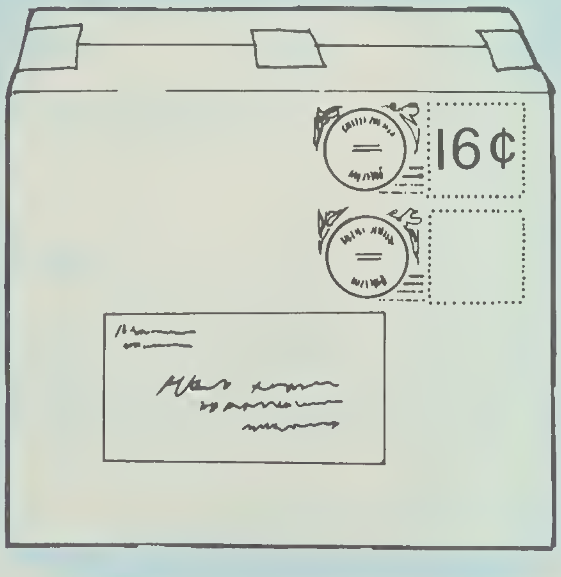


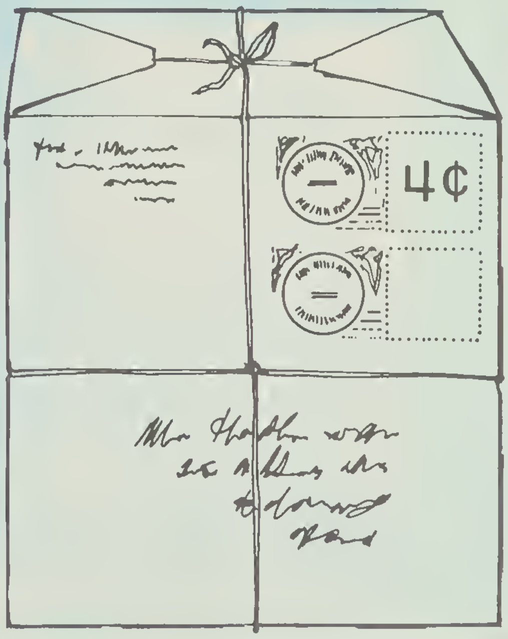








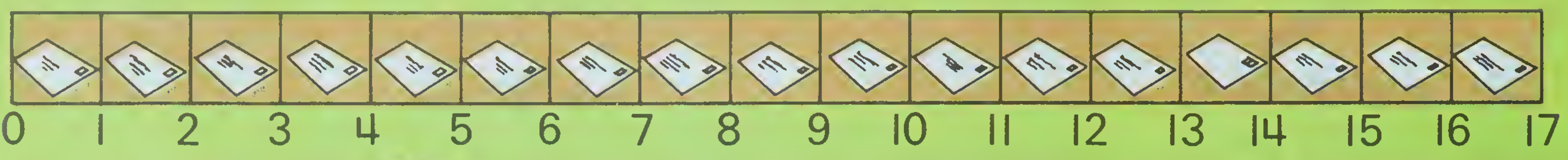


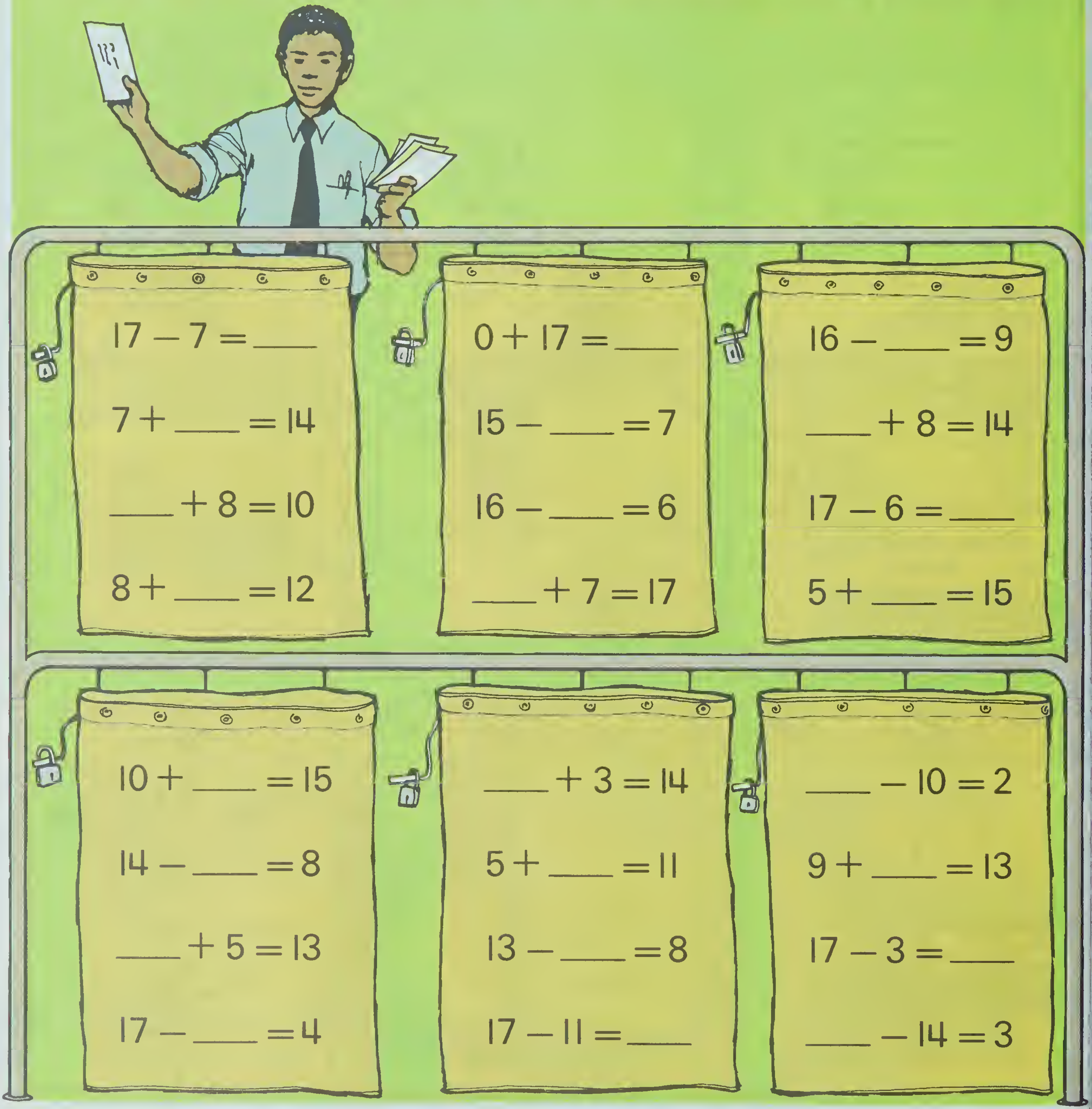


7 + 3 = 10

17 − 7 = 10

Sort the letters.


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17



17 − 7 = ____

7 + ____ = 14

____ + 8 = 10

8 + ____ = 12

0 + 17 = ____

15 − ____ = 7

16 − ____ = 6

____ + 7 = 17

16 − ____ = 9

____ + 8 = 14

17 − 6 = ____

5 + ____ = 15

10 + ____ = 15

14 − ____ = 8

____ + 5 = 13

17 − ____ = 4

____ + 3 = 14

5 + ____ = 11

13 − ____ = 8

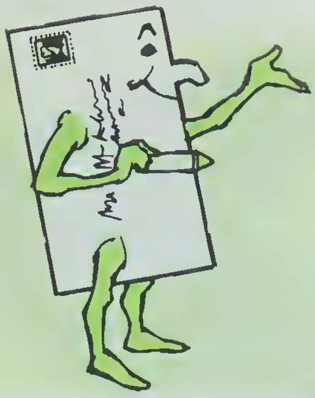
17 − 11 = ____

____ − 10 = 2

9 + ____ = 13

17 − 3 = ____

____ − 14 = 3



Mother has 2 letters. Father has 10 l
How many letters do they have?

2 + 10 = 12

They have 12 letters.

Janet mailed 2 letters, Pedro mailed 9, and Maria mailed 3.
How many letters did they mail?

____

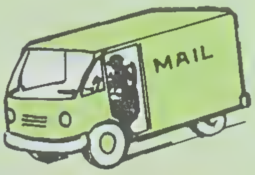
They mailed ____ letters.

POST OFFICE

A postal truck brought 16 bags of mail to the post office.
The driver left 12 bags in the sorting room.
How many bags are left in the truck?

____

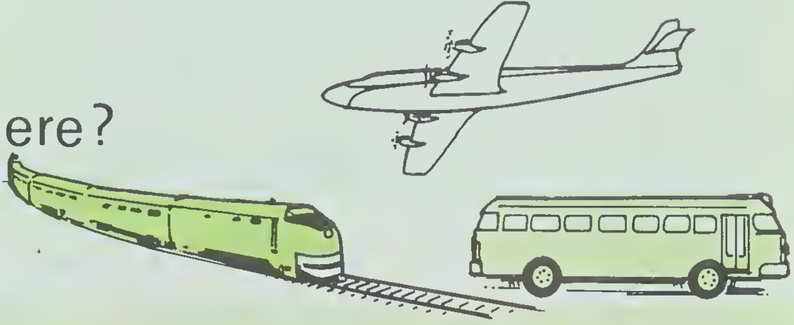
There are ____ bags left.



6 bags of mail went on the plane, 5 bags on the train, and 4 on the bus.
How many bags of mail were there?

____

There were ____ bags of mail.



A postal clerk sold 3 stamps, 5 stamps, then 9 stamps.
How many stamps did he sell?

____

He sold ____ stamps.

The postman delivered 4 letters on one street and 10 on another street.
How many letters did he deliver?

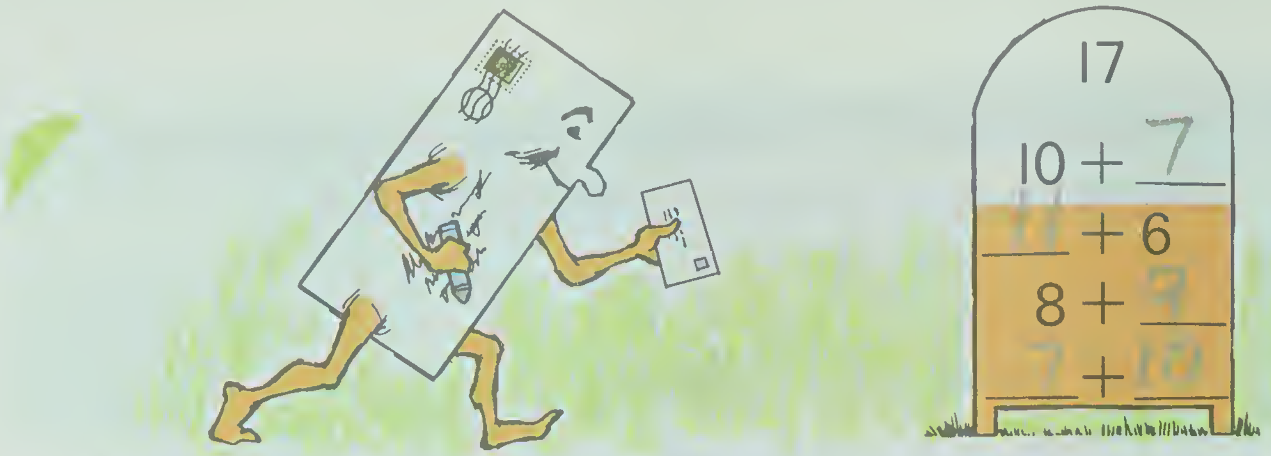
____

He delivered ____ letters.

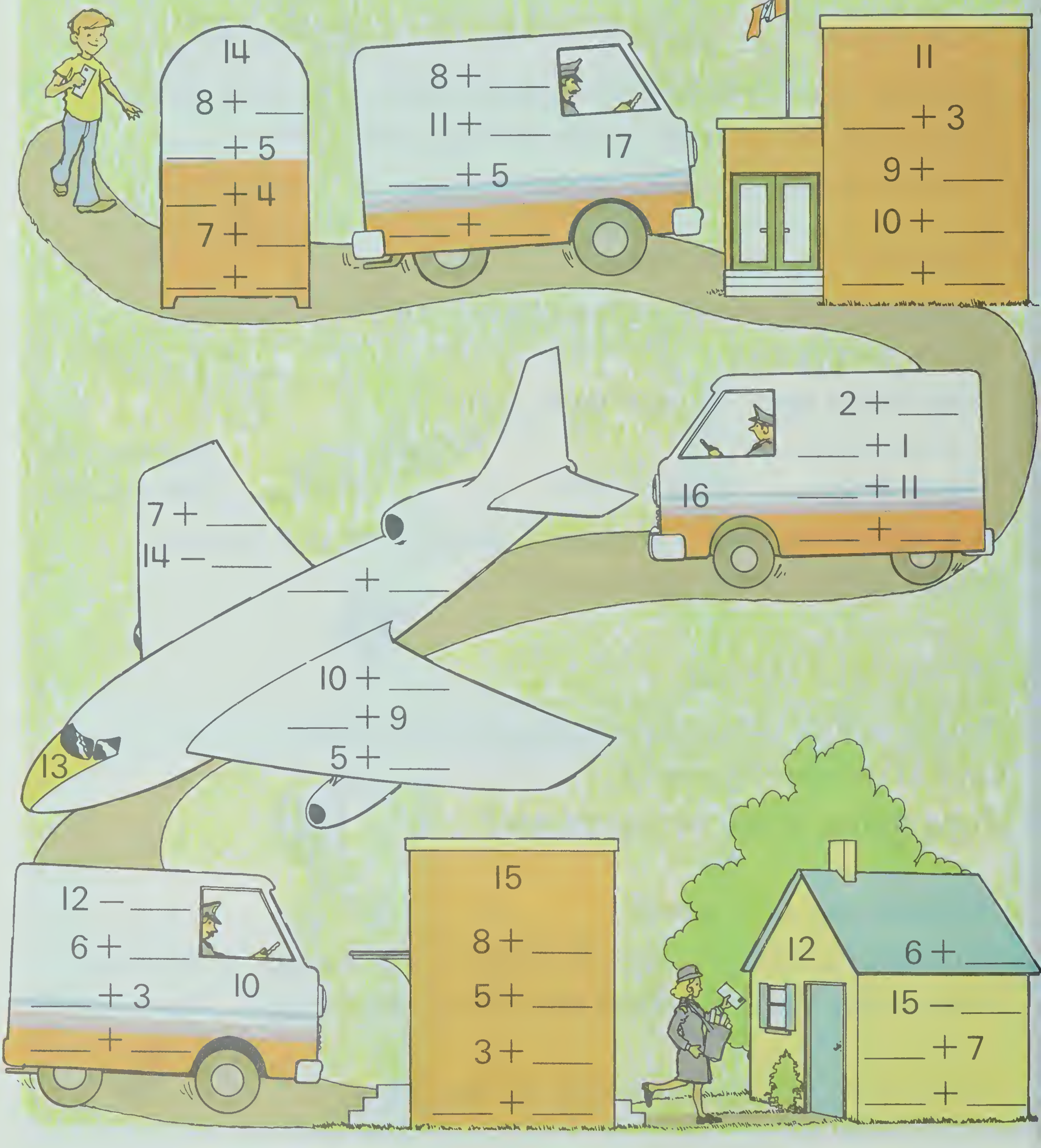
An airplane had 17 bags of letters. It left 5 bags in Ottawa.
How many bags of letters are still on the plane?

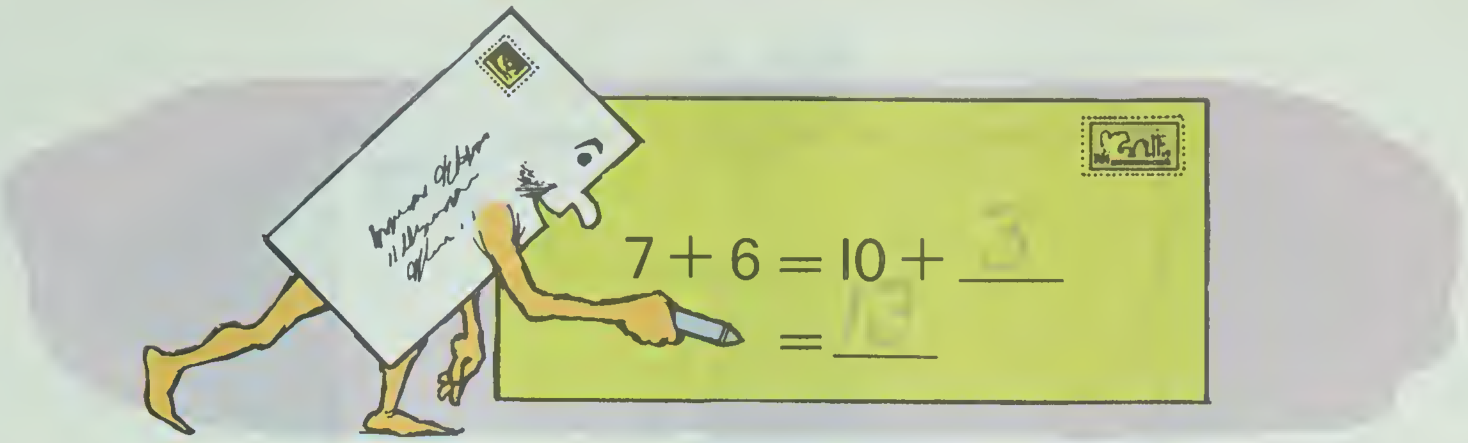
____

There are ____ bags of letters on the plane.


17
10 + 7
11 + 6
8 + 9
7 + 10

Follow the letter to your friend's house.

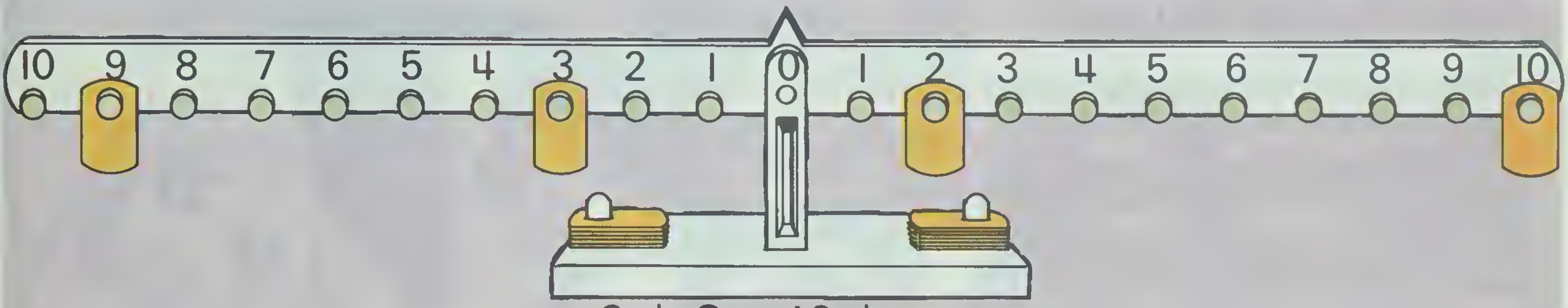

14
8 + ___
___ + 5
___ + 4
7 + ___
___ + ___
17
8 + ___
11 + ___
___ + 5
___ + ___
11
___ + 3
9 + ___
10 + ___
___ + ___
16
2 + ___
___ + 1
___ + 11
___ + ___
13
7 + ___
14 − ___
___ + ___
10 + ___
___ + 9
5 + ___
10
12 − ___
6 + ___
___ + 3
___ + ___
15
8 + ___
5 + ___
3 + ___
___ + ___
12
6 + ___
15 − ___
___ + 7
___ + ___



7 + 6 = 10 + _3_

= _13_

Help the postman sort his letters.


10
9
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10

9 + 3 = 10 + ___

= ___

9 + 8 = 10 + ___

= ___

8 + 8 = ___ + ___

= ___

8 + 5 = ___ + ___

= ___

7 + 8 = ___ + ___

= ___

4 + 7 = 10 + ___

= ___

7 + 9 = ___ + ___

= ___

5 + 9 = ___ + ___

= ___

5 + 6 = 10 + ___

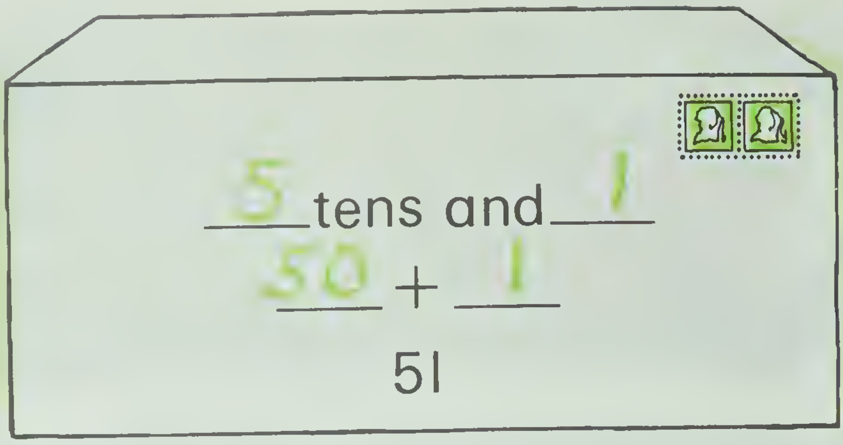
= ___

6 + 8 = ___ + ___

= ___

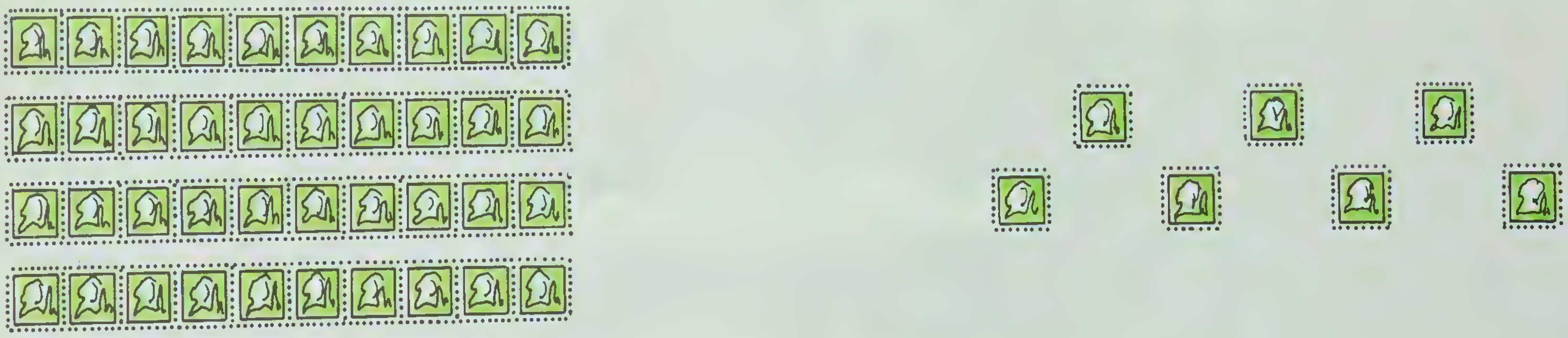
6 + 9 = ___ + ___

= ___

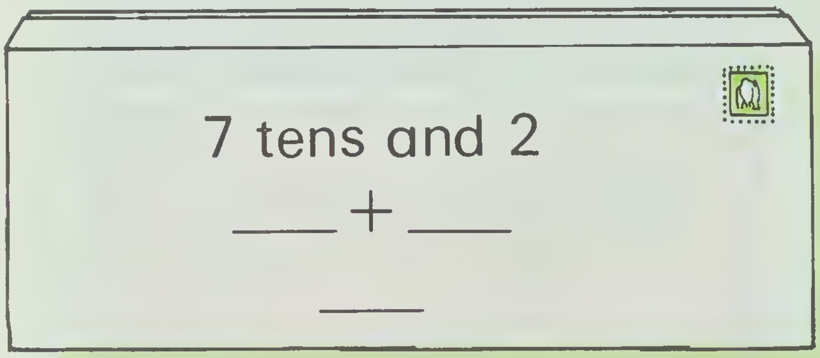


5 tens and 1
50 + 1
51

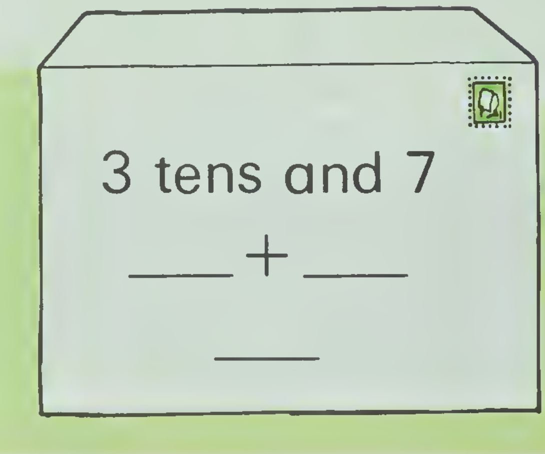
Address the parcels.



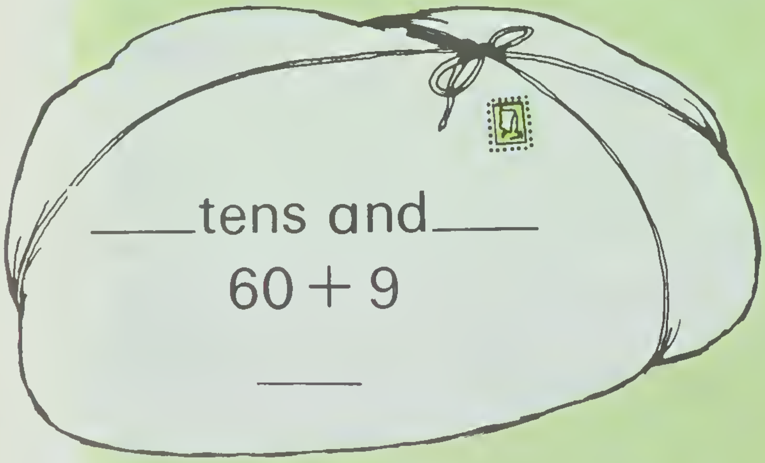
___ tens and ___
40 + ___
___



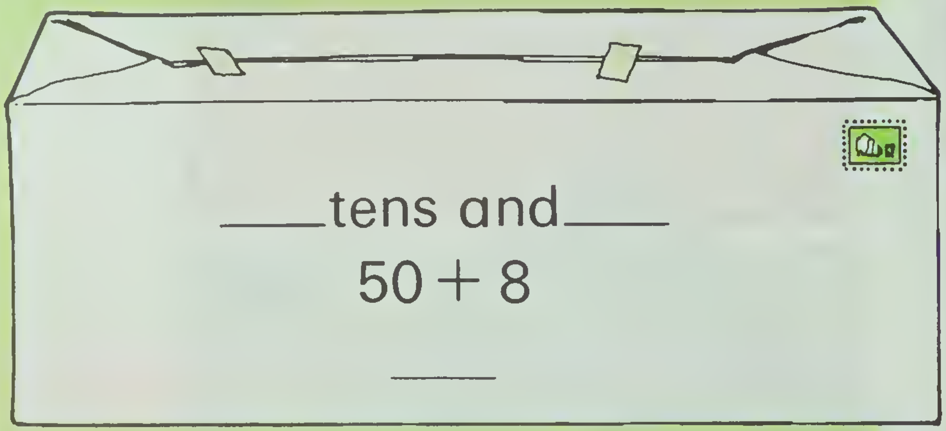
7 tens and 2
___ + ___
___



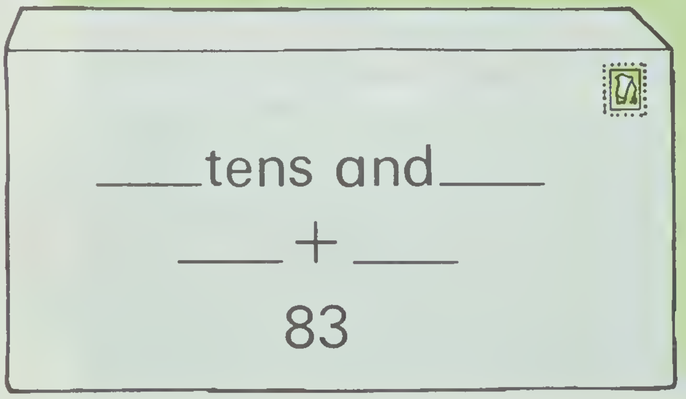
3 tens and 7
___ + ___
___



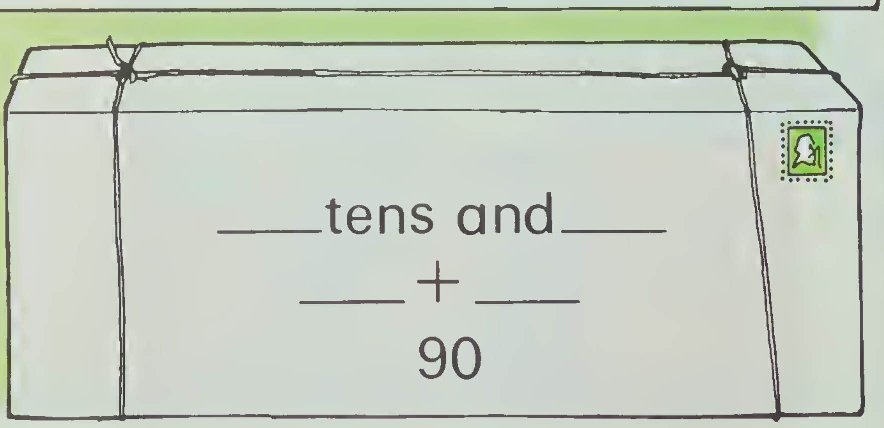
___ tens and ___
60 + 9
___



___ tens and ___
50 + 8
___

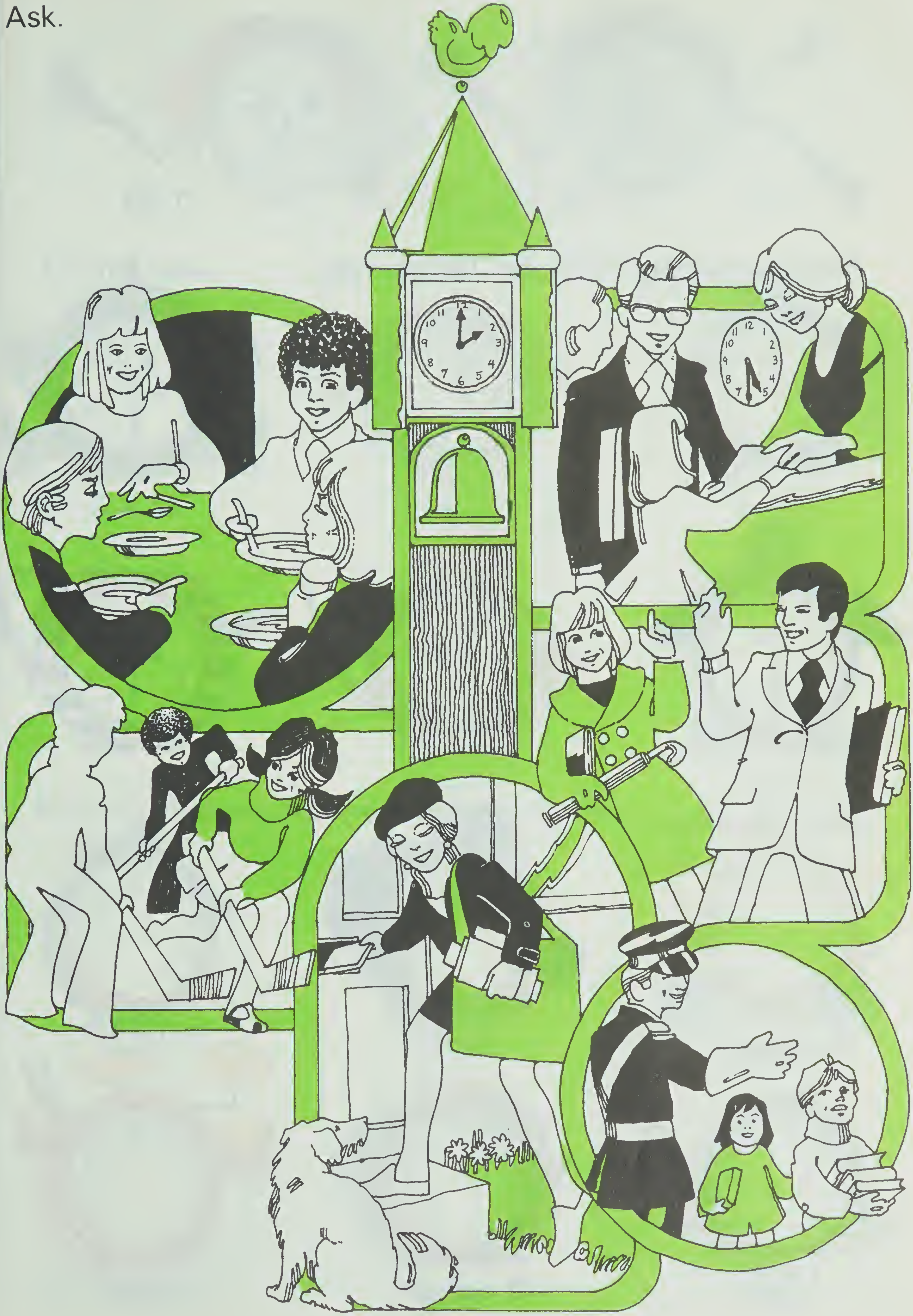


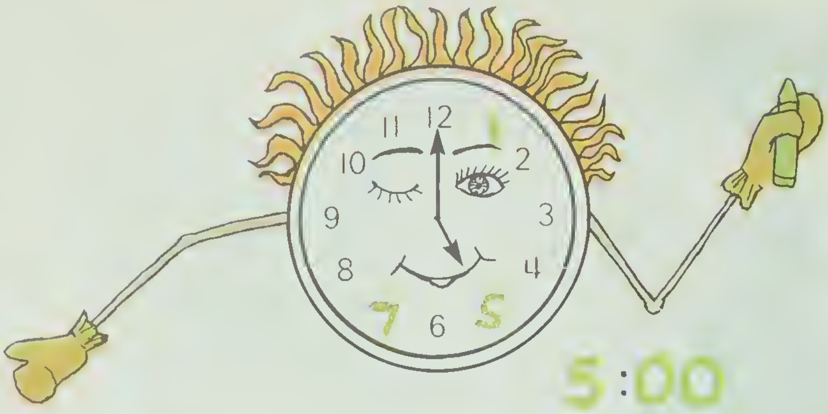
___ tens and ___
___ + ___
83



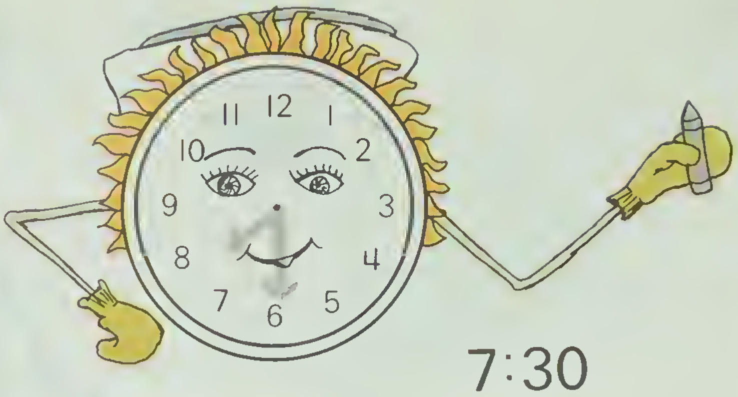
___ tens and ___
___ + ___
90

Ask.



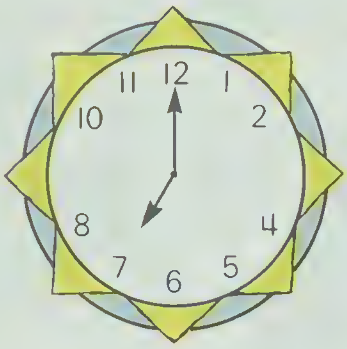


5:00

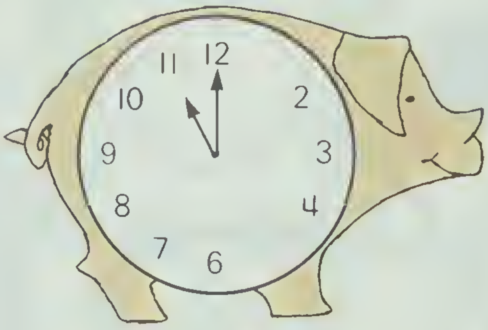


7:30

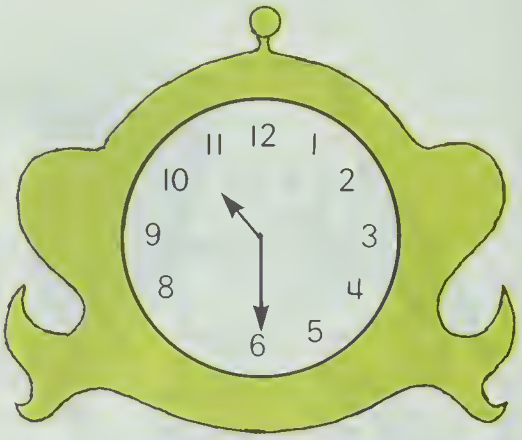
Print the missing numerals. Tell the time.



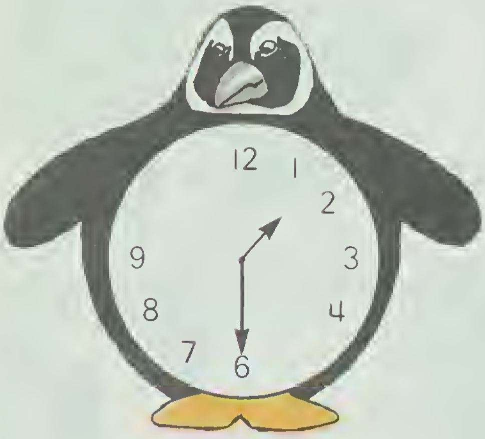
______



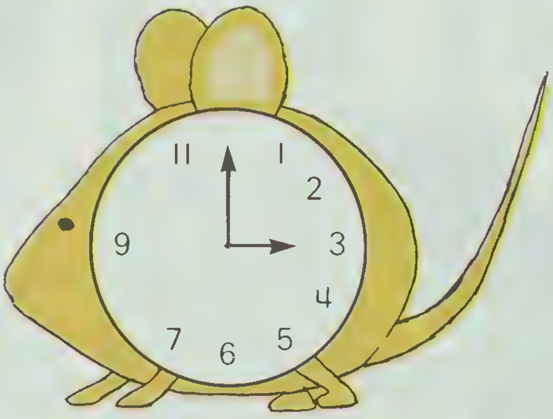
______



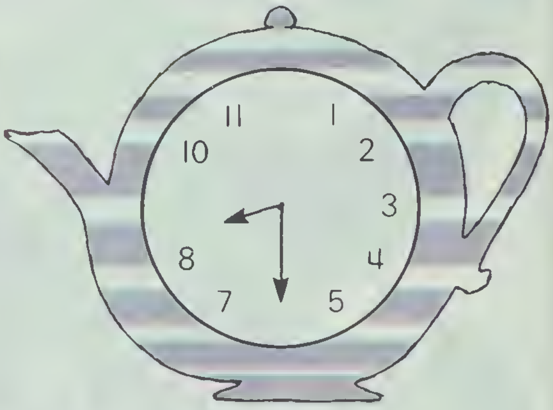
______



______

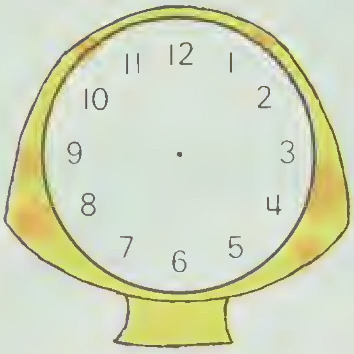


______

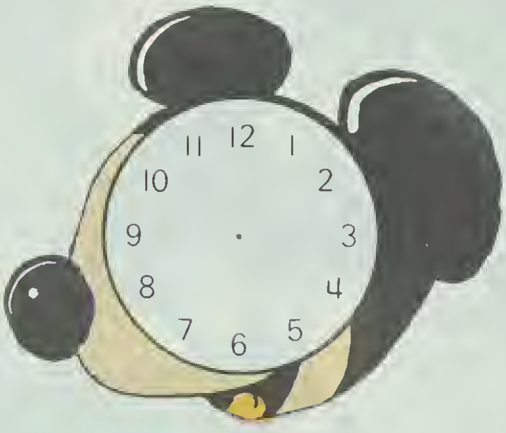


______

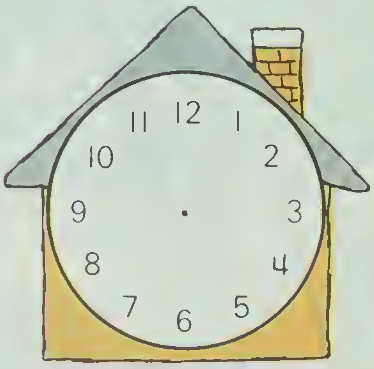
Show the time.



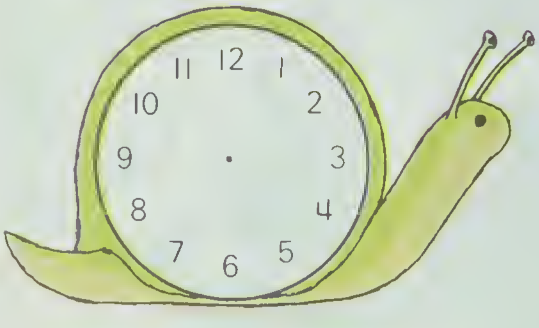
8 o'clock



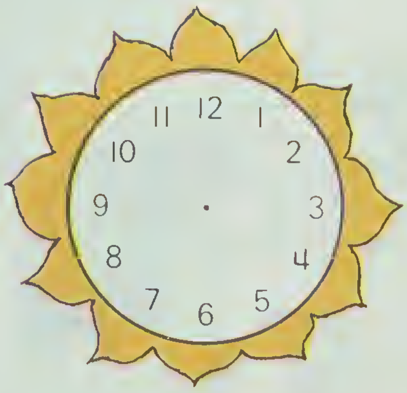
2:30



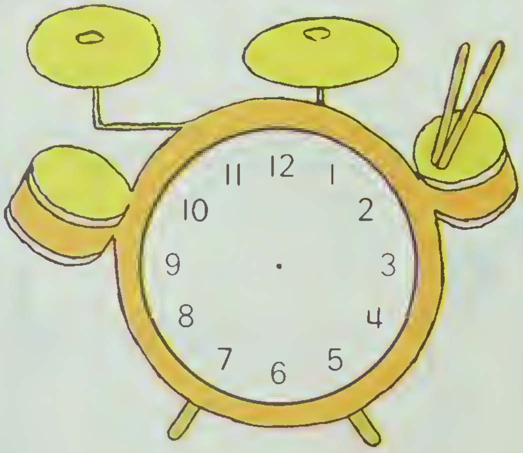
6 o'clock



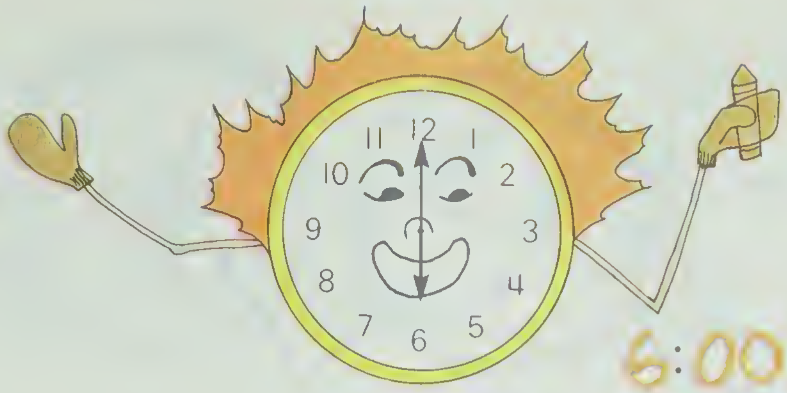
12:30



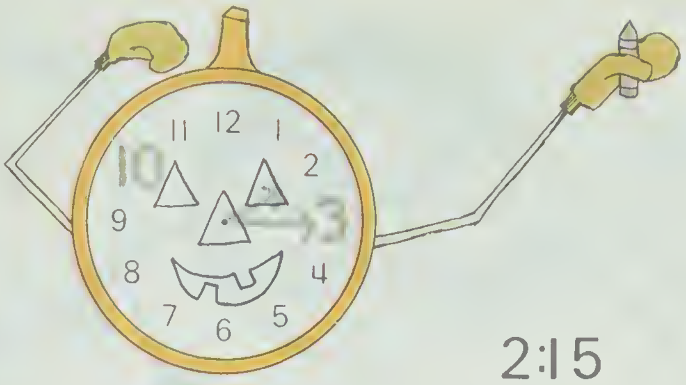
12 o'clock



4:30

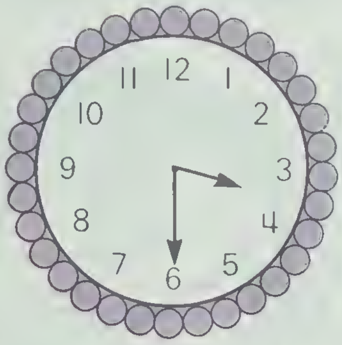

11
12
1
10
2
9
3
8
4
7
6
5

6:00

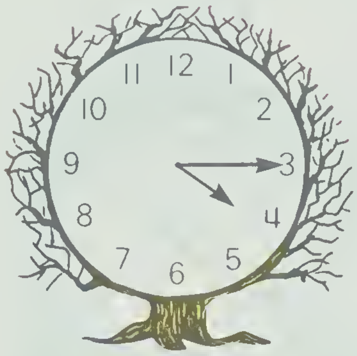

11
12
1
10
2
9
3
8
4
7
6
5

2:15

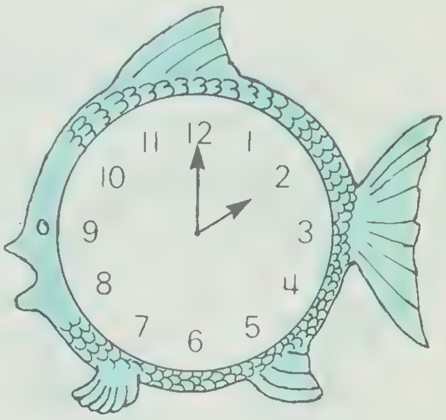
Tell the time.



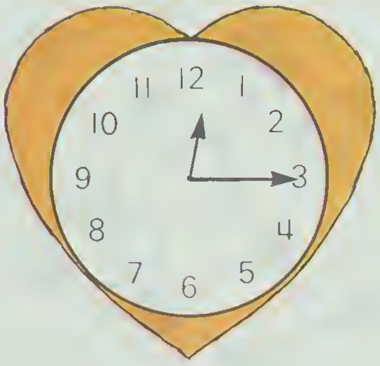
_____



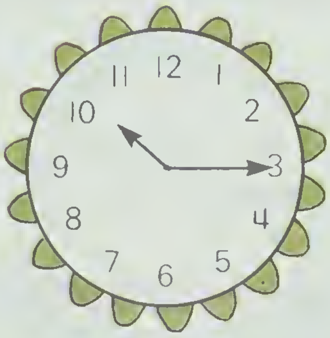
_____



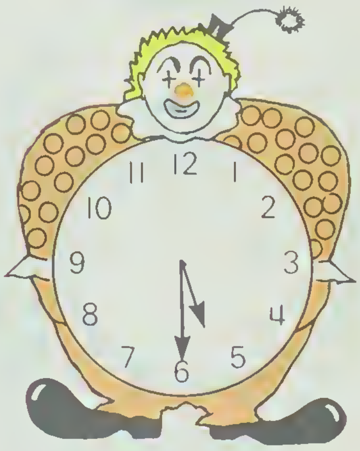
_____



_____

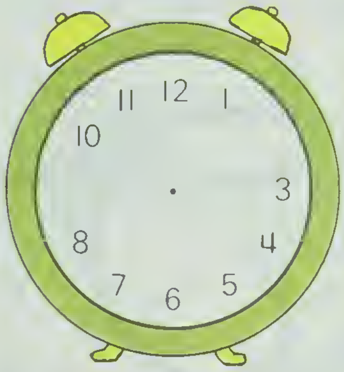


_____

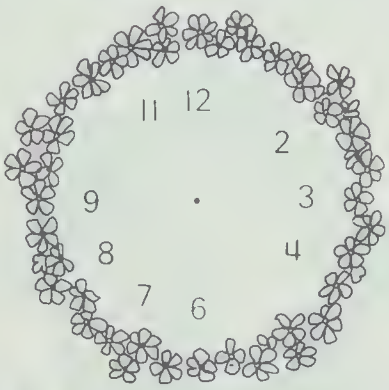


_____

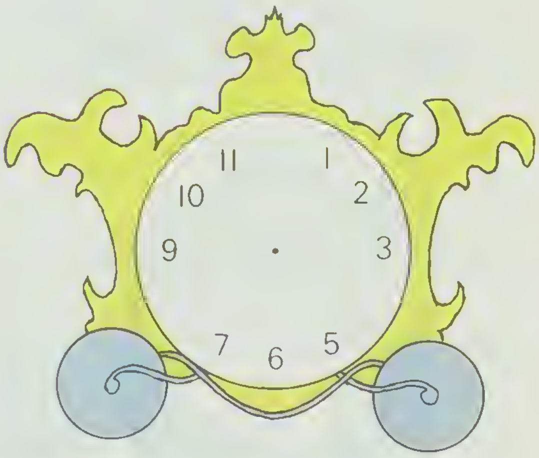
Print the missing numerals. Show the time.


11
12
1
10
3
8
4
7
6
5

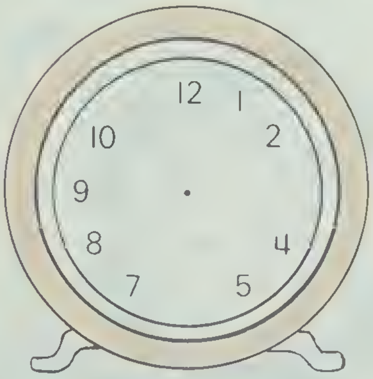
6:15


11
12
2
9
3
8
4
7
6

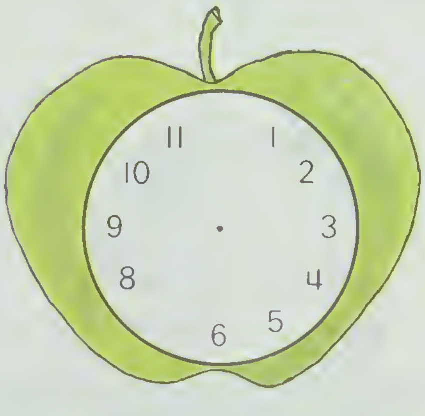
2:15


11
1
10
2
9
3
7
6
5

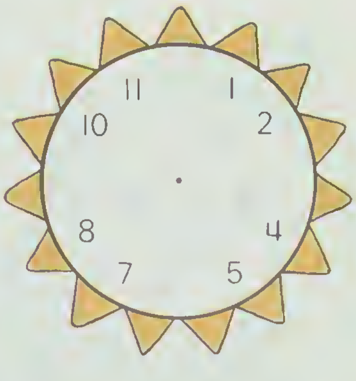
1:00


12
1
10
2
9
8
4
7
5

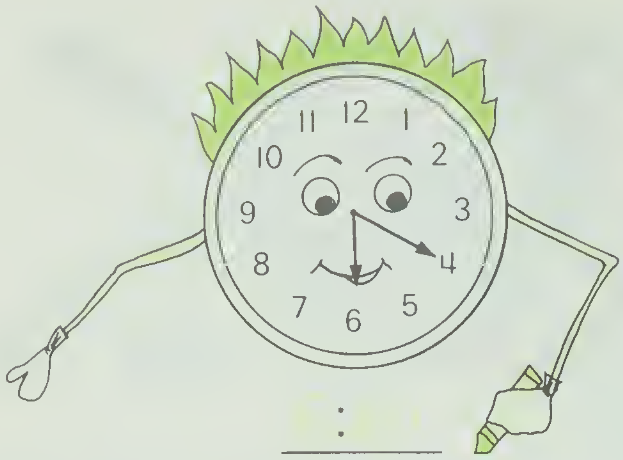
7:30


11
1
10
2
9
3
8
4
6
5

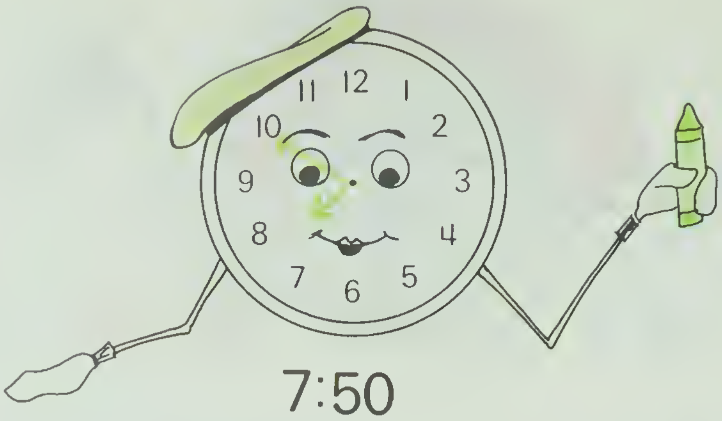
9:15


11
1
10
2
8
4
7
5

11:30

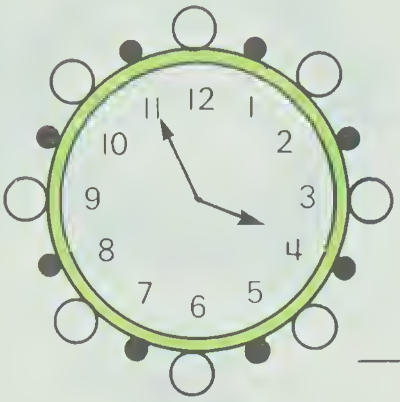


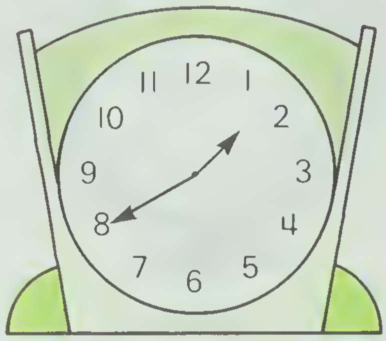
:

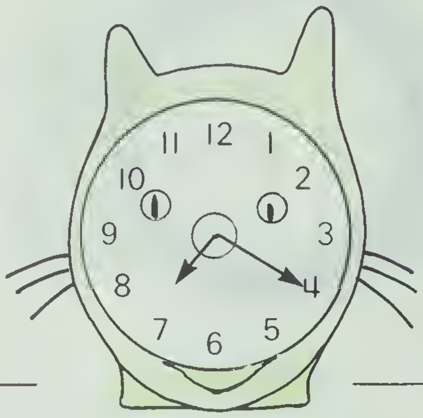


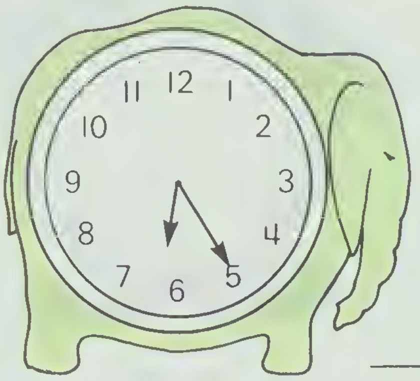
7:50

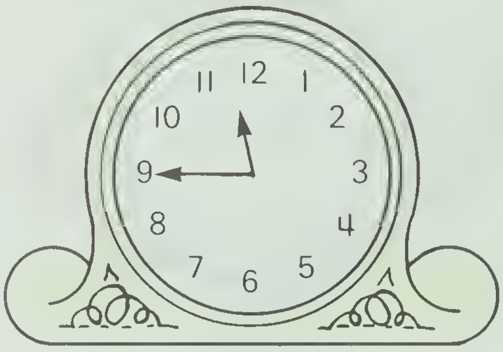
What time is it?

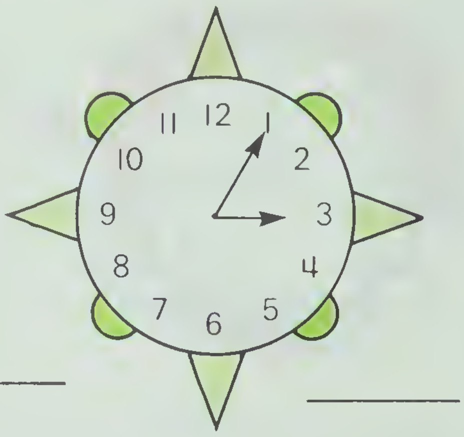




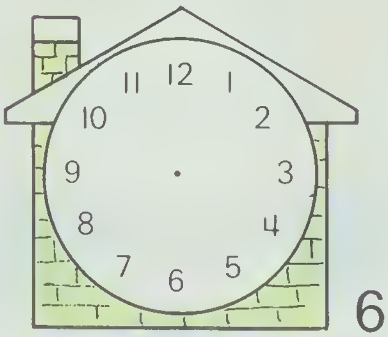




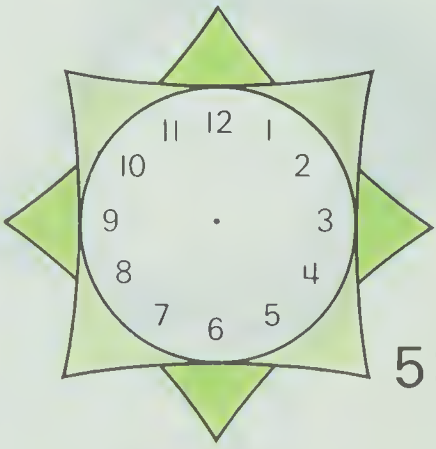




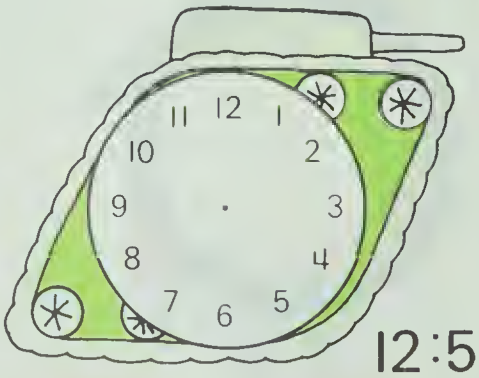
Show the time.



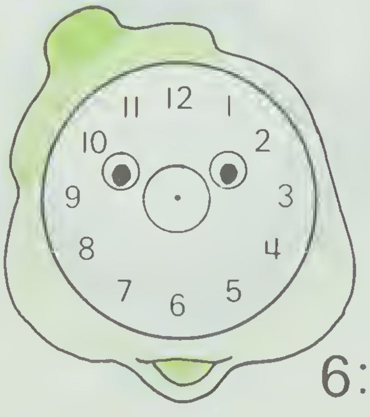
6:55



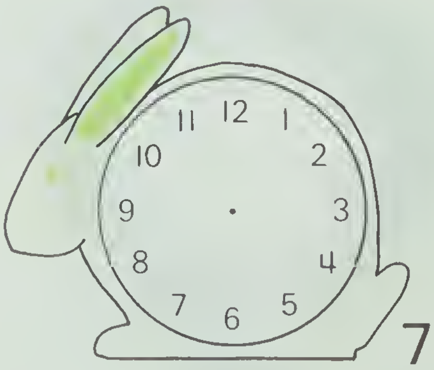
5:20



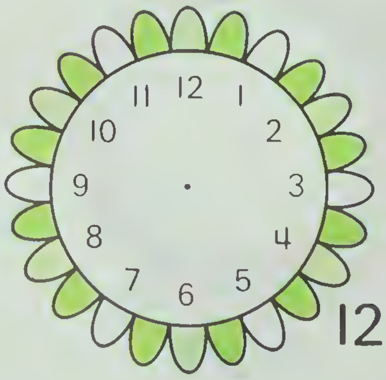
12:50



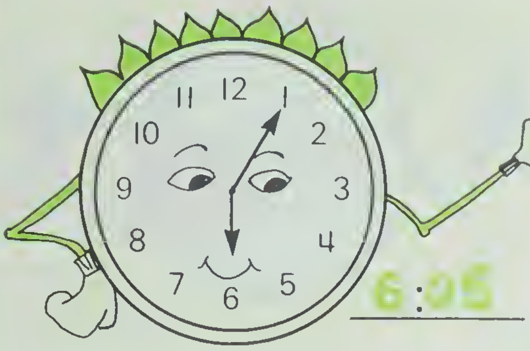
6:05

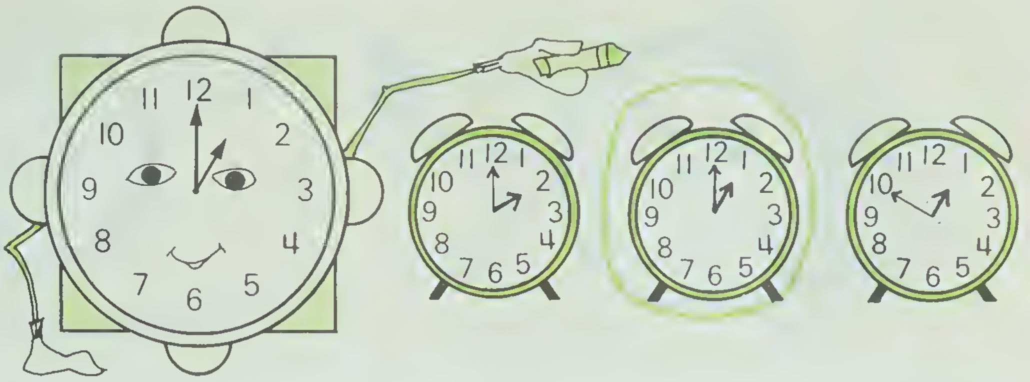


7:40

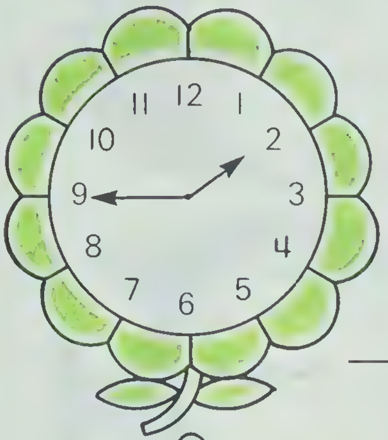


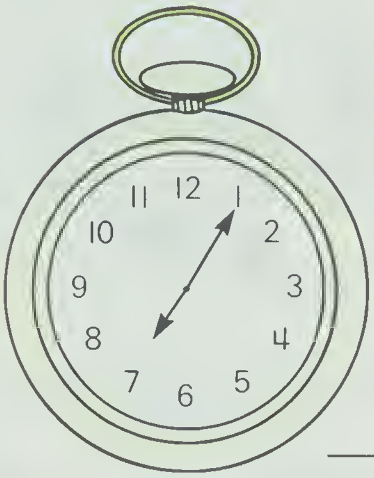
12:10

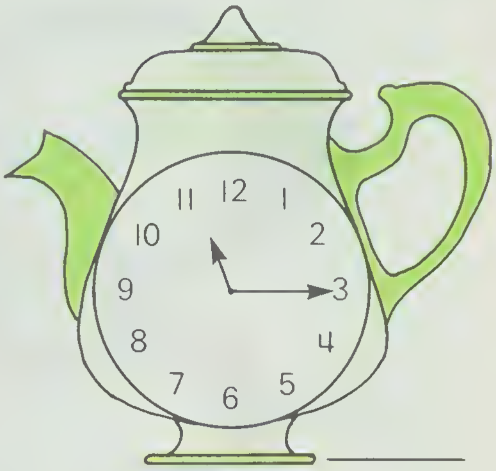


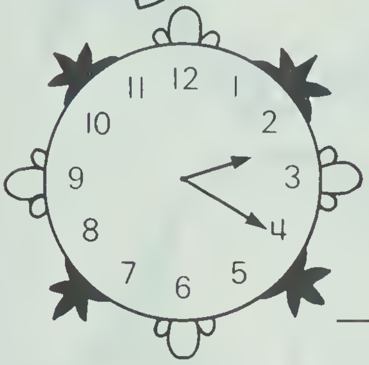


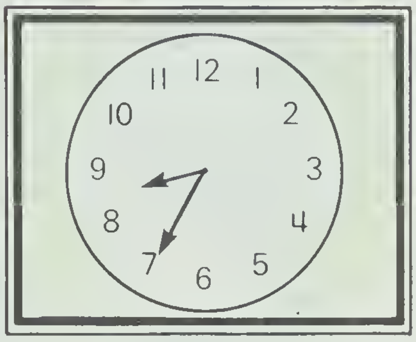
Tell the time.

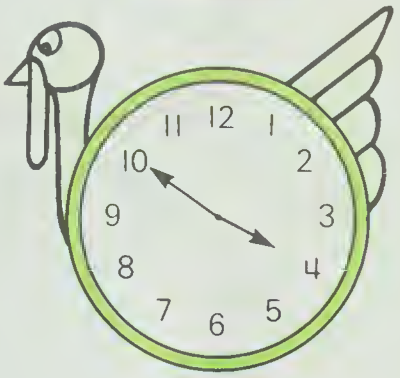




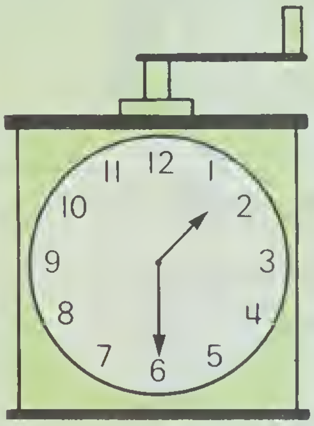


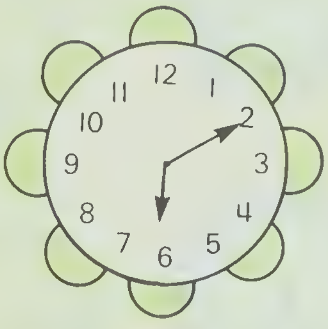


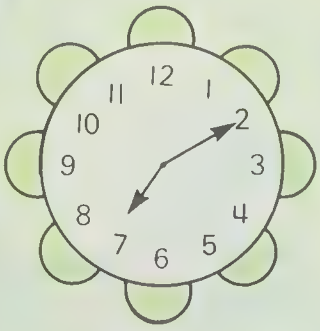


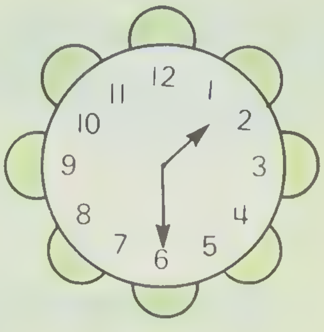


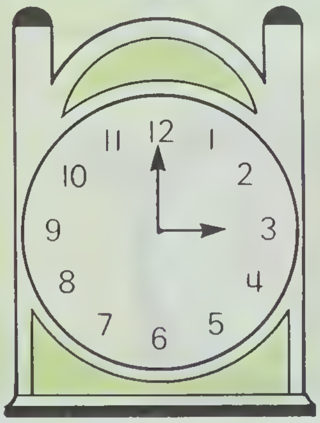
Draw a shape around the clock that shows the same time as the first clock.

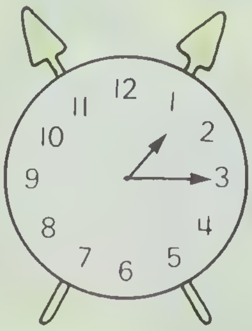


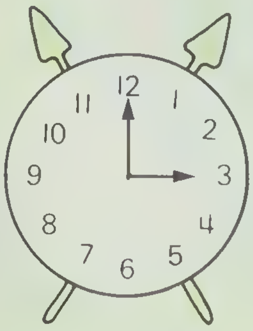


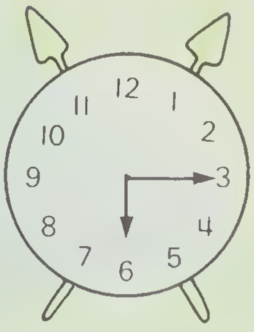


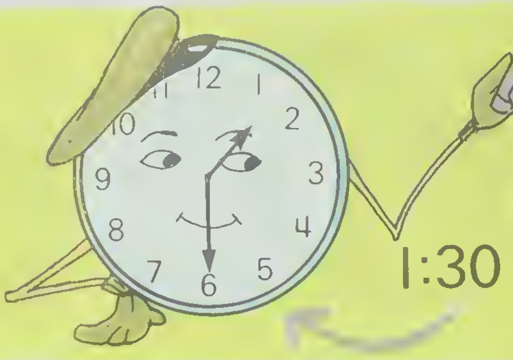


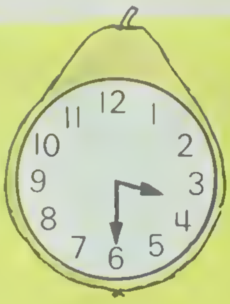




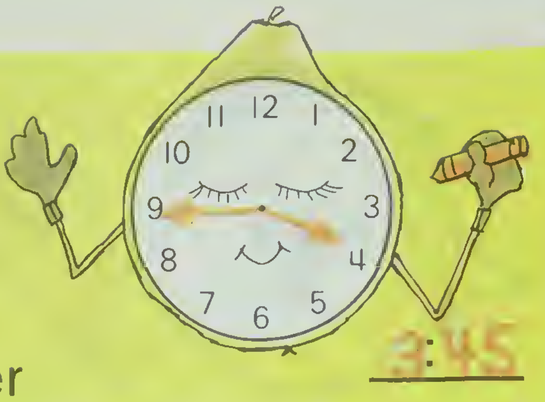






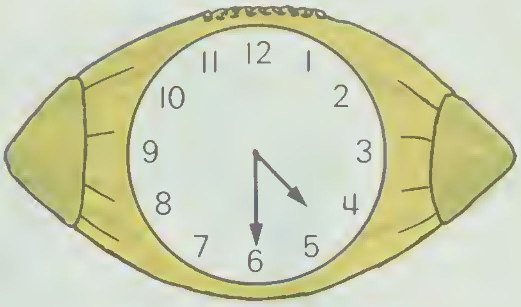


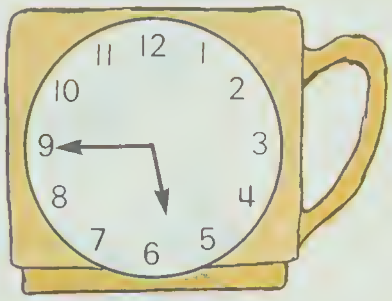
15 minutes later

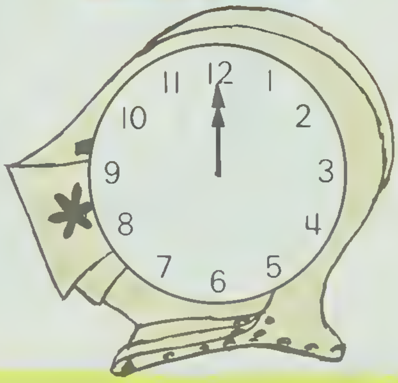


3:45

Match each clock to the time.







3:15

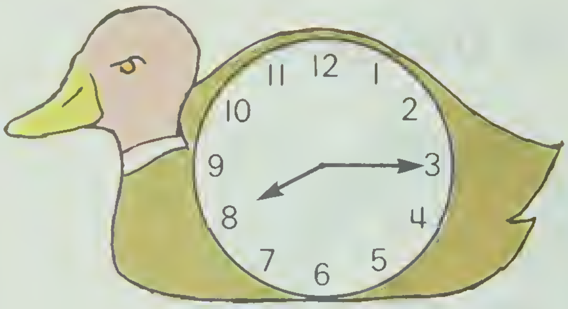
12:00

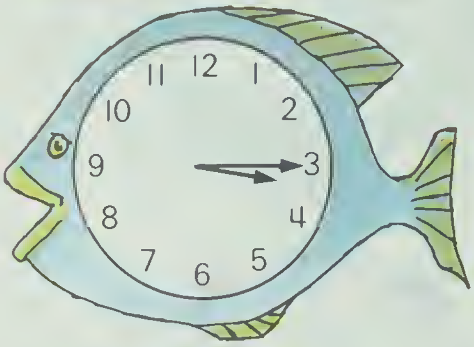
4:30

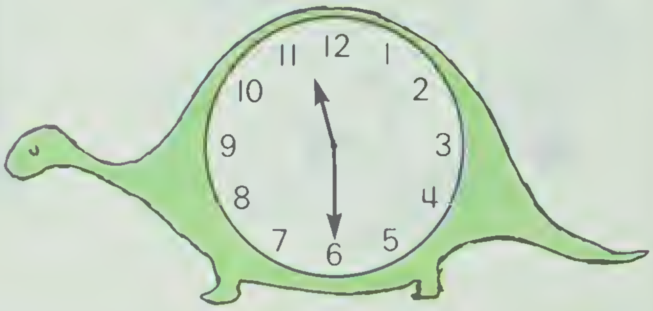
8:15

5:45

11:30

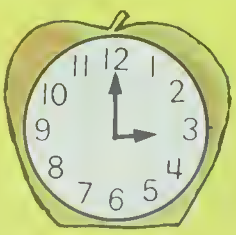


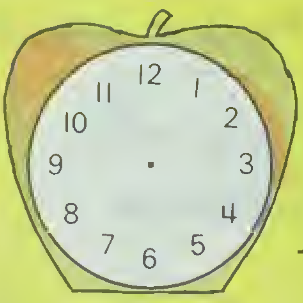




Show the time on the larger clock.
Tell the new time.

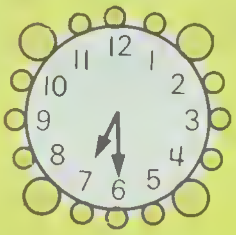
2 hours later

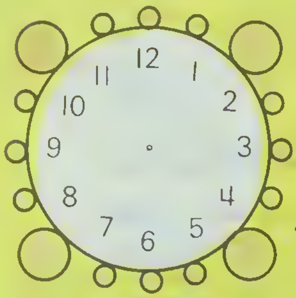




______

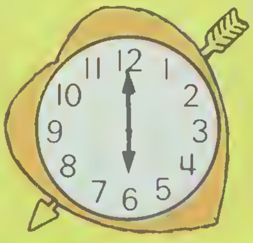
30 minutes earlier

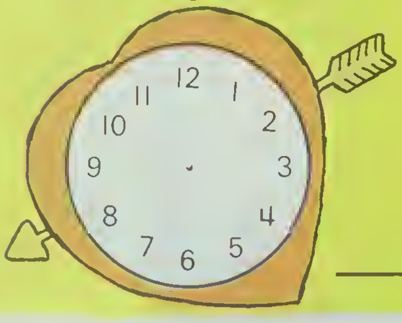




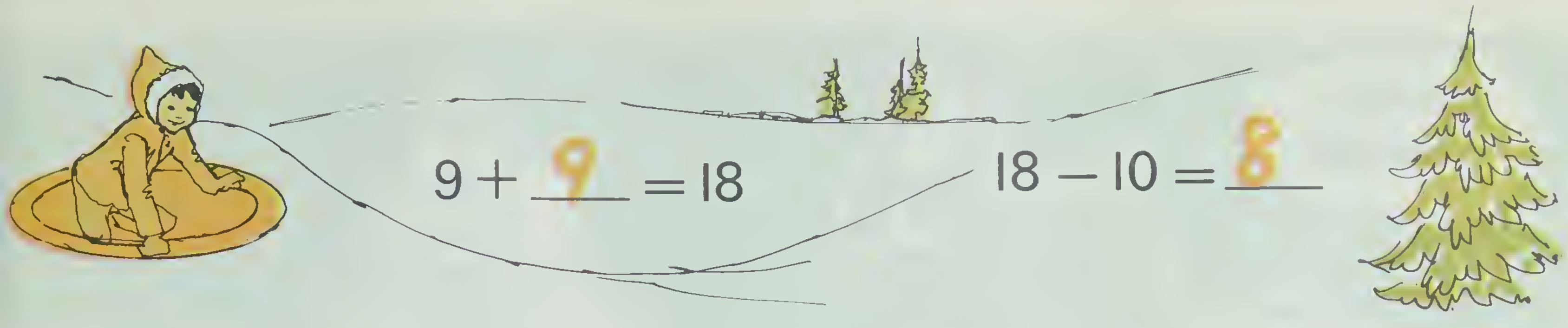
______

10 minutes later





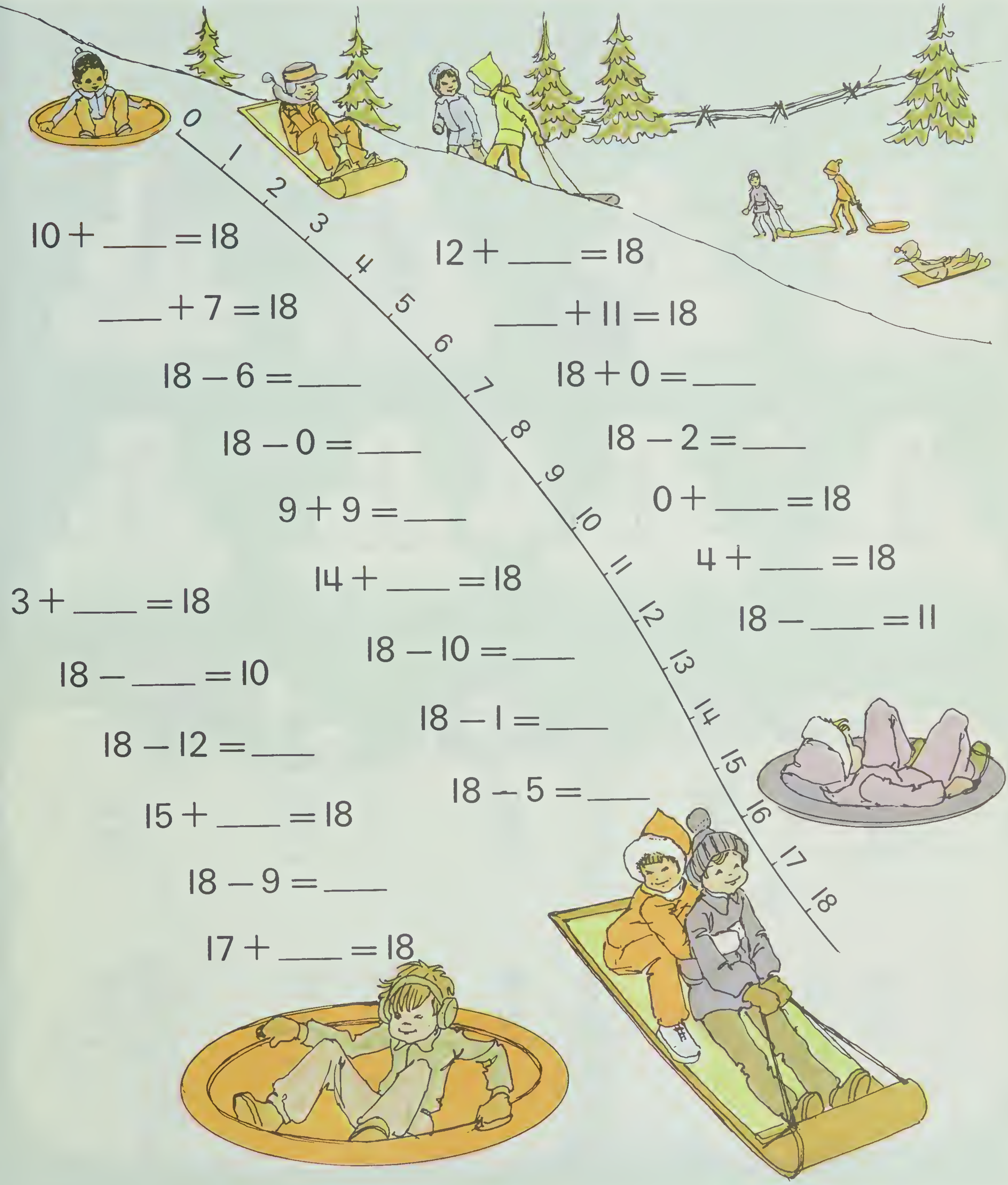
______



9 + 9 = 18

18 − 10 = 8

Slide down the hill.


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

10 + ___ = 18

___ + 7 = 18

18 − 6 = ___

18 − 0 = ___

9 + 9 = ___

14 + ___ = 18

3 + ___ = 18

18 − 10 = ___

18 − ___ = 10

18 − 1 = ___

18 − 12 = ___

18 − 5 = ___

15 + ___ = 18

18 − 9 = ___

17 + ___ = 18

12 + ___ = 18

___ + 11 = 18

18 + 0 = ___

18 − 2 = ___

0 + ___ = 18

4 + ___ = 18

18 − ___ = 11

thirteen,
eighteen

$\begin{array}{r}5\\9\\4\\\hline 18\end{array}$

Add.

e _ _ h t _ _ _

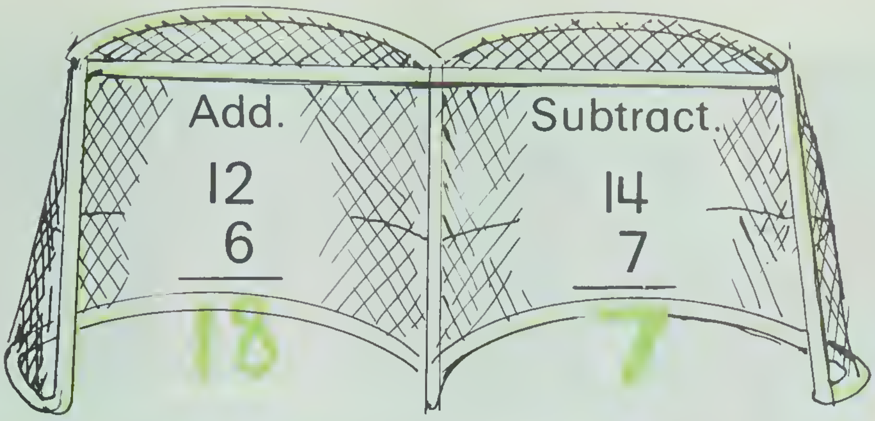
$\begin{array}{r}5\\3\\10\\\hline\end{array}$ $\begin{array}{r}1\\11\\6\\\hline\end{array}$ $\begin{array}{r}3\\0\\15\\\hline\end{array}$ $\begin{array}{r}7\\8\\3\\\hline\end{array}$

$\begin{array}{r}14\\2\\2\\\hline\end{array}$ $\begin{array}{r}1\\13\\4\\\hline\end{array}$ $\begin{array}{r}3\\3\\12\\\hline\end{array}$ $\begin{array}{r}16\\1\\1\\\hline\end{array}$

Subtract.

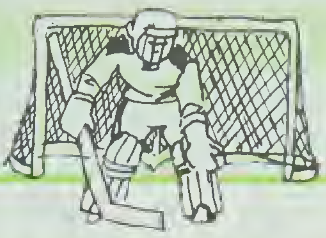
$\begin{array}{r}18\\3\\\hline\end{array}$ $\begin{array}{r}18\\18\\\hline\end{array}$ $\begin{array}{r}18\\13\\\hline\end{array}$ $\begin{array}{r}18\\17\\\hline\end{array}$ $\begin{array}{r}18\\15\\\hline\end{array}$

$\begin{array}{r}18\\14\\\hline\end{array}$ $\begin{array}{r}18\\11\\\hline\end{array}$ $\begin{array}{r}18\\0\\\hline\end{array}$ $\begin{array}{r}18\\4\\\hline\end{array}$ $\begin{array}{r}18\\16\\\hline\end{array}$



Add.	Subtract.
12	14
6	7
18	7

Let's skate.



Add.

6	4	9	4	11
11	10	4	6	5
10	13	4	8	9
2	5	8	3	6

Subtract.

11	14	18	10	12
2	5	9	6	11
16	15	13	17	17
13	4	13	0	4

+	0	1	2	3
0	0	1	2	3
1	1	2	3	
2	2	3		
3	3			

Complete.

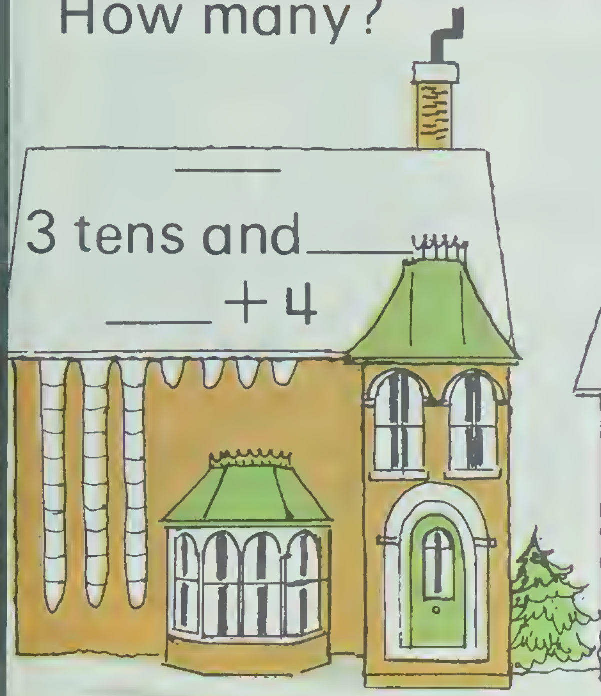
+	0	1	2	3	4	5	6	7	8	9	10
0											
1											
2											
3											
4						9					
5											
6			8								
7											
8									16		
9											
10											

49

4 tens and 9

40 + 9

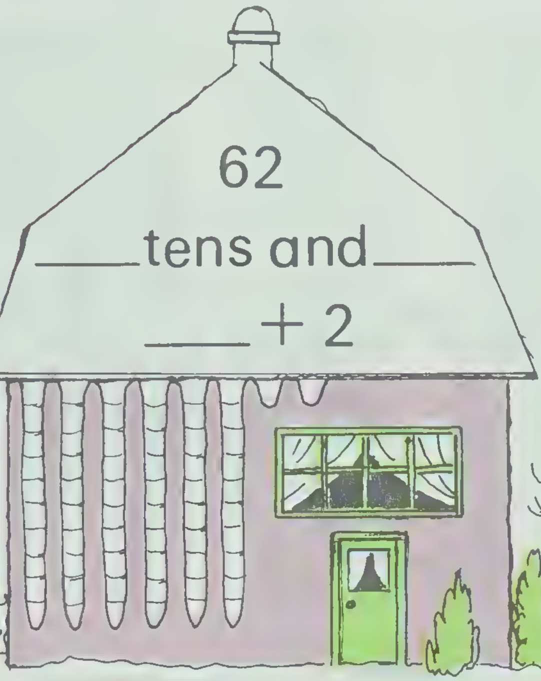
How many?



___

3 tens and ___

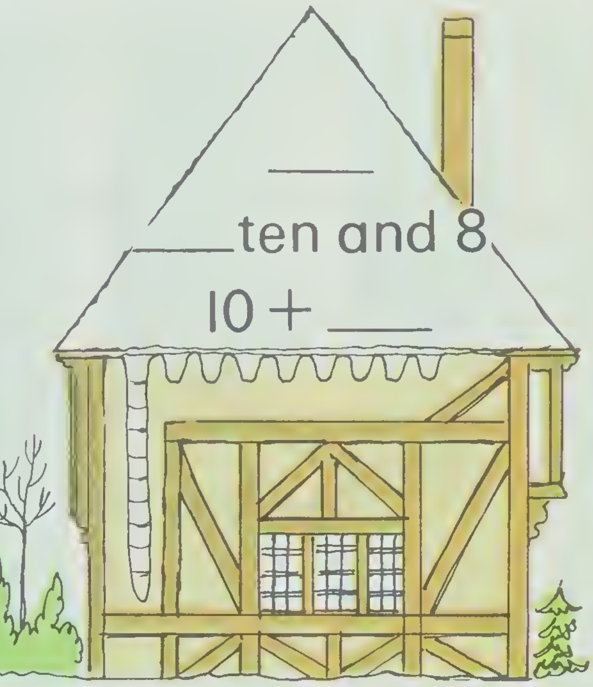
___ + 4



62

___ tens and ___

___ + 2



___

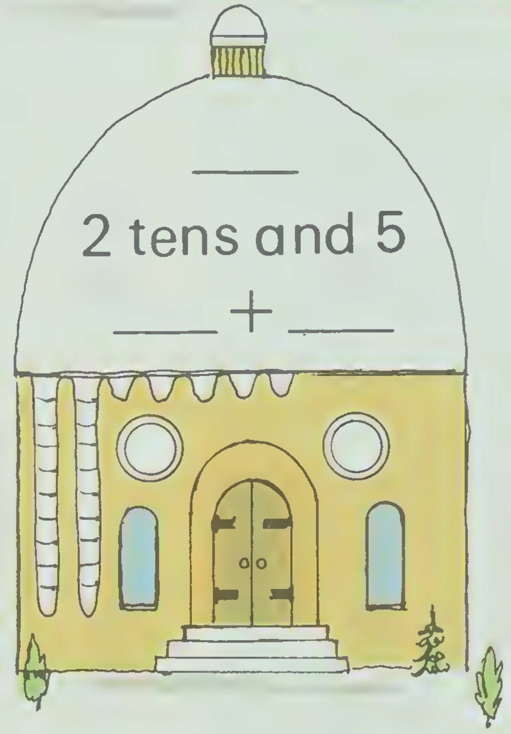
___ ten and 8

10 + ___

81

___ tens and ___

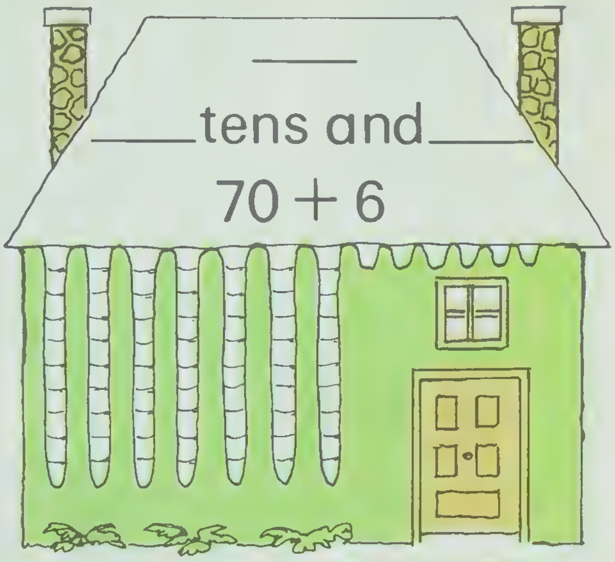
___ + ___



___

2 tens and 5

___ + ___



___

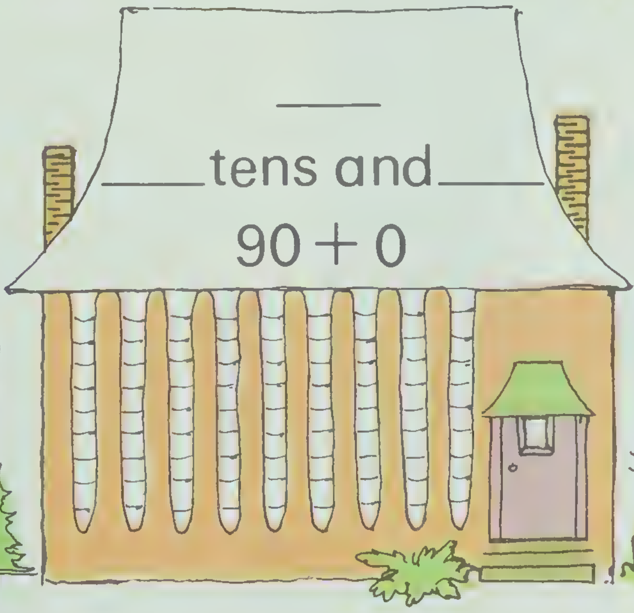
___ tens and ___

70 + 6

___

4 tens and 7

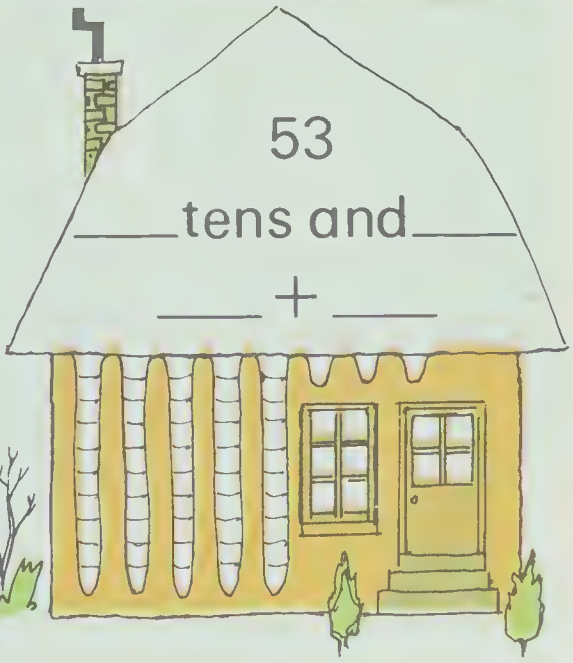
___ + ___



___

___ tens and ___

90 + 0



53

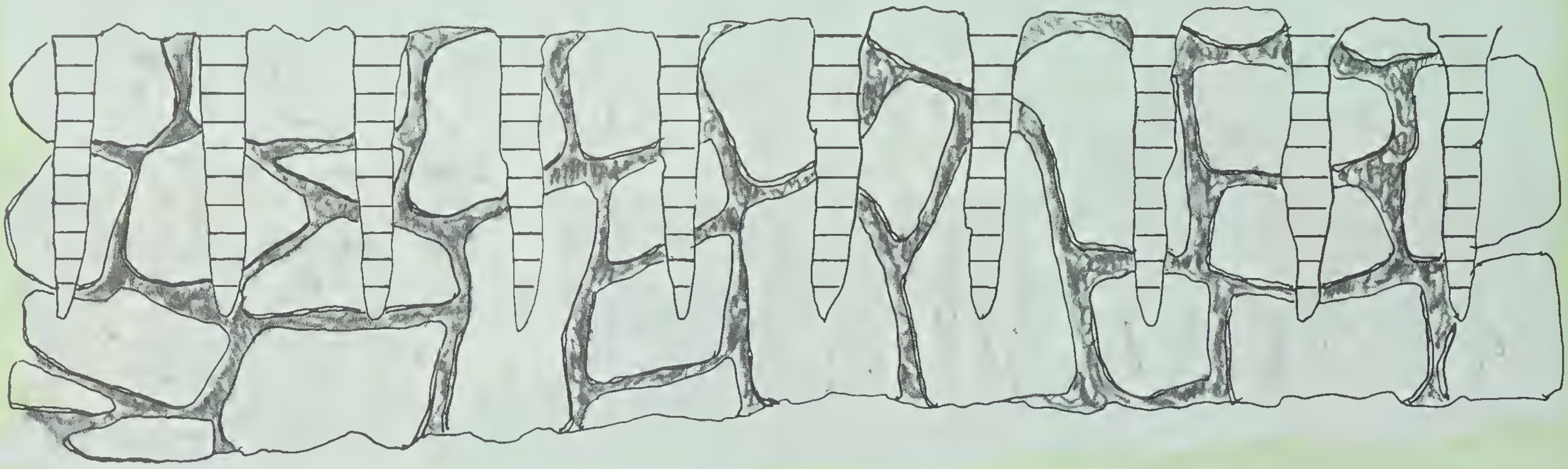
___ tens and ___

___ + ___

Add.

10
10
20
40

thirty, forty



Add.

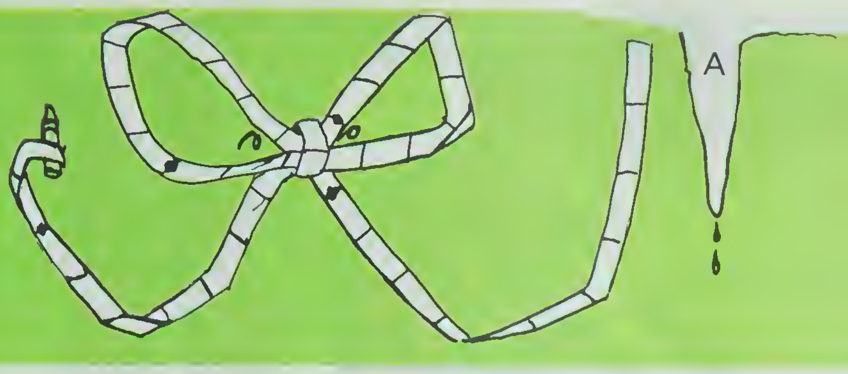
30	40	10	50	20	80
60	20	70	40	50	10

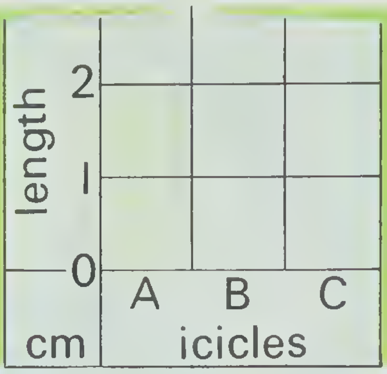
Subtract.

90	30	80	40	70	90
10	20	30	10	50	60

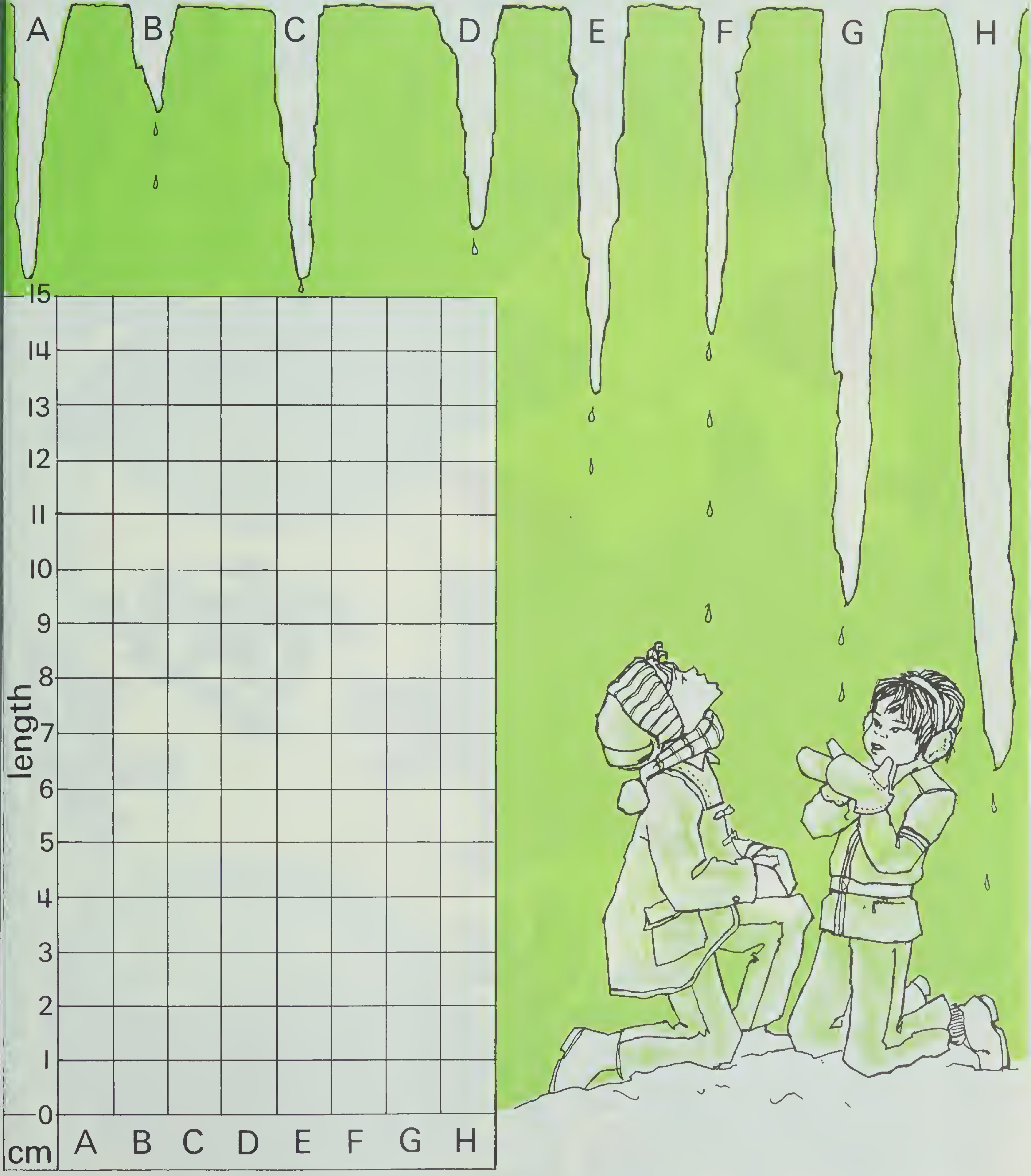
Add.

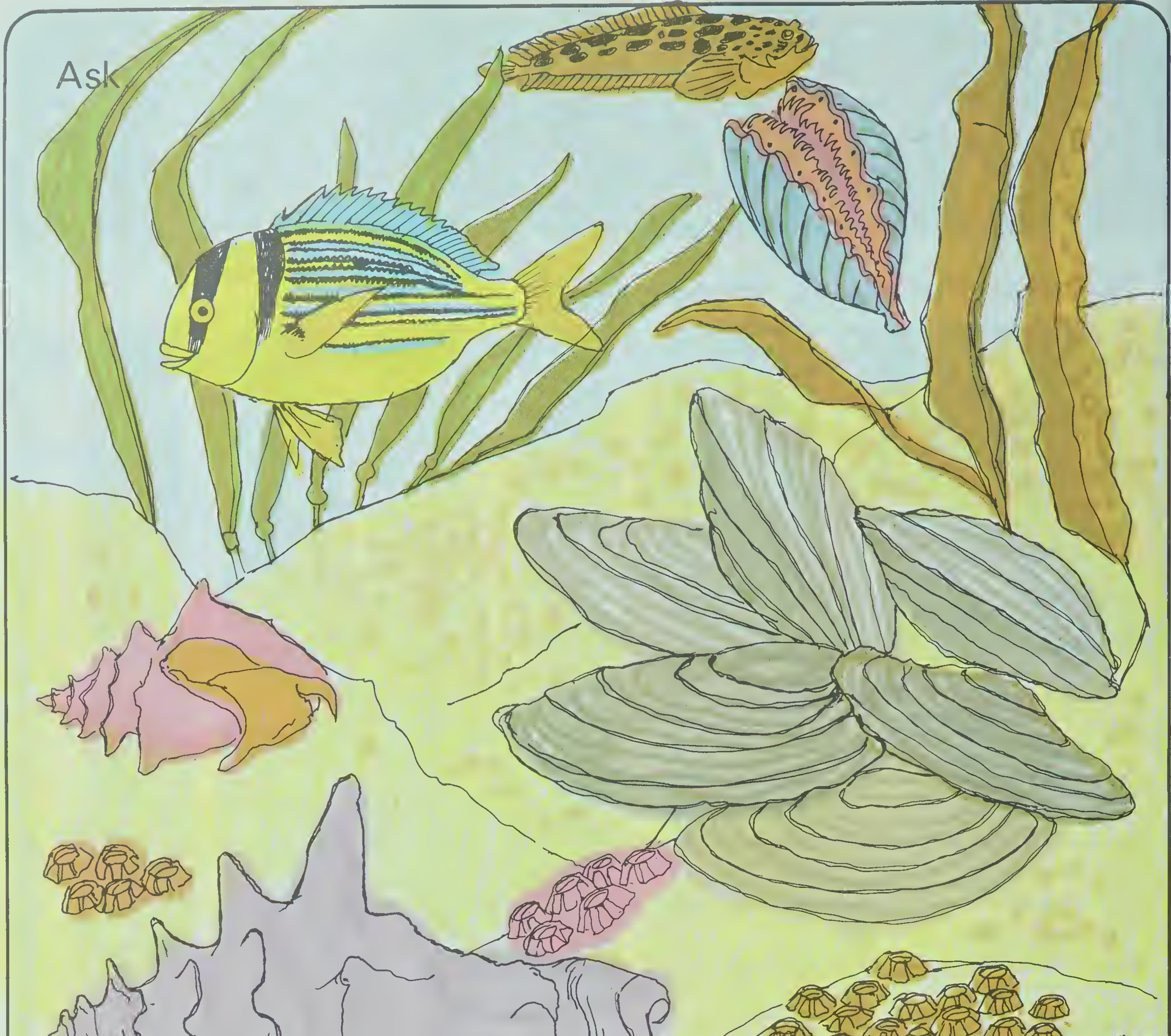
10	20	20	10	20	20
10	10	20	20	10	20
10	10	10	10	20	20

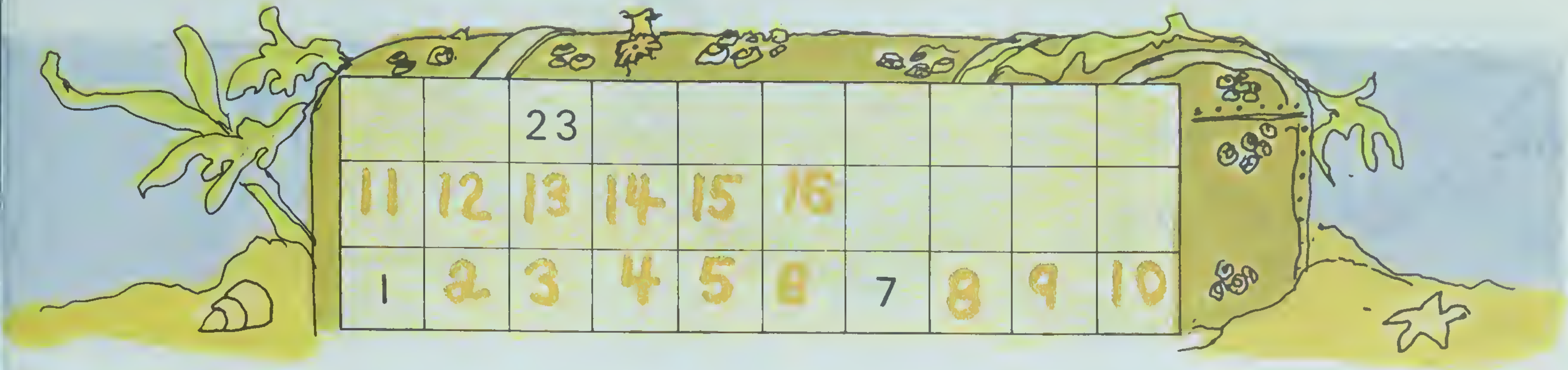




Measure the icicles. Make a graph.

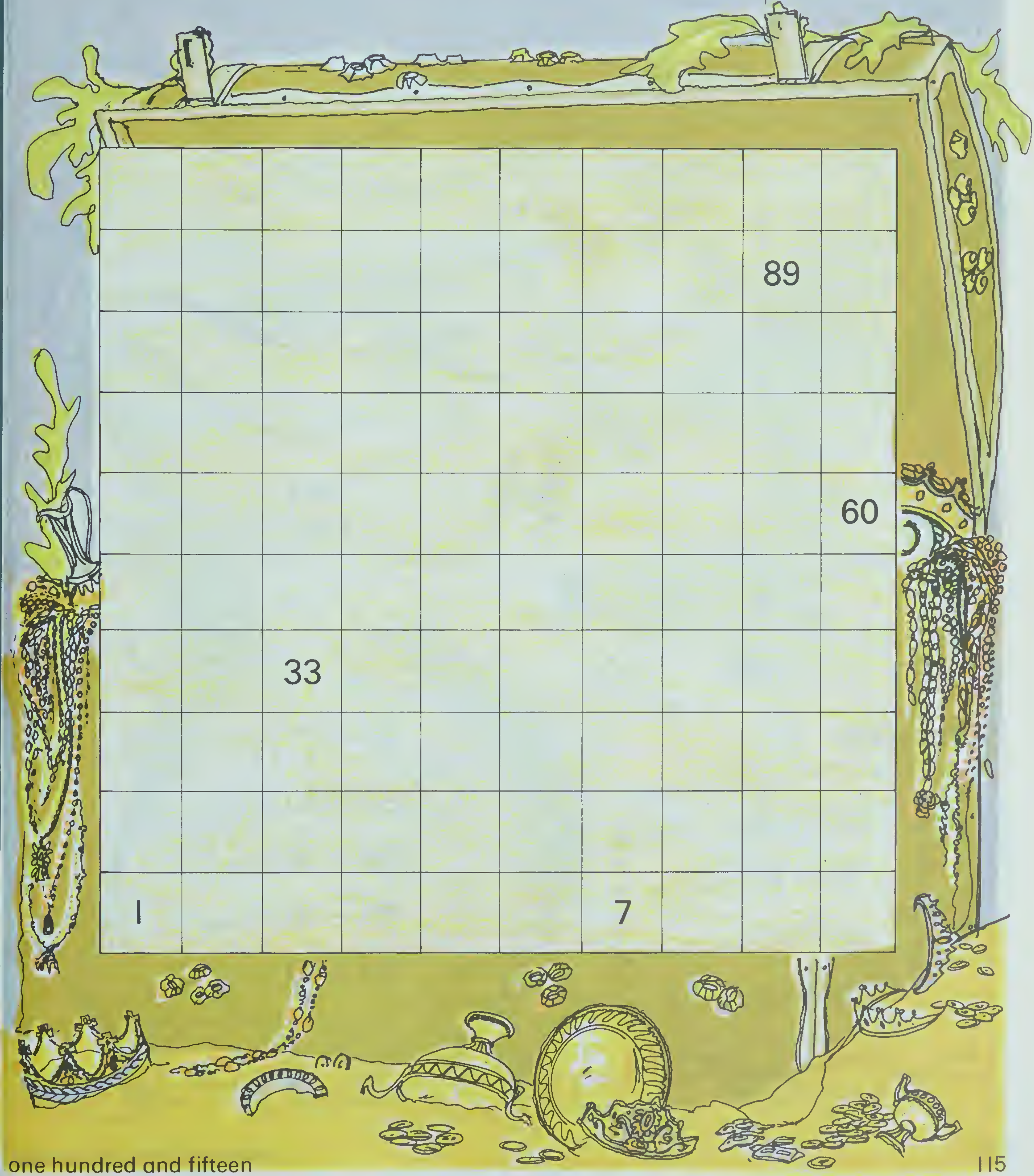

A
B
C
D
E
F
G
H
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
length
cm
A
B
C
D
E
F
G
H
icicles


Ask

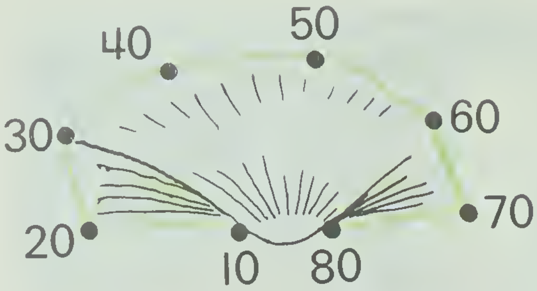


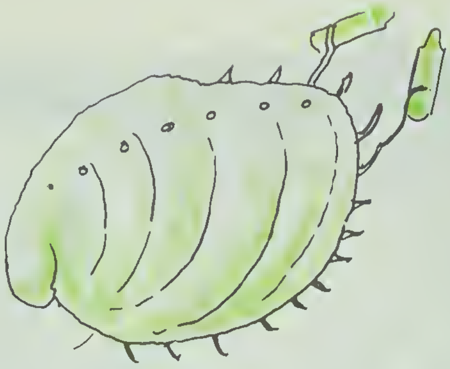
		23							
11	12	13	14	15	16				
1	2	3	4	5	6	7	8	9	10

Count the treasure.



								89	
									60
		33							
1						7			

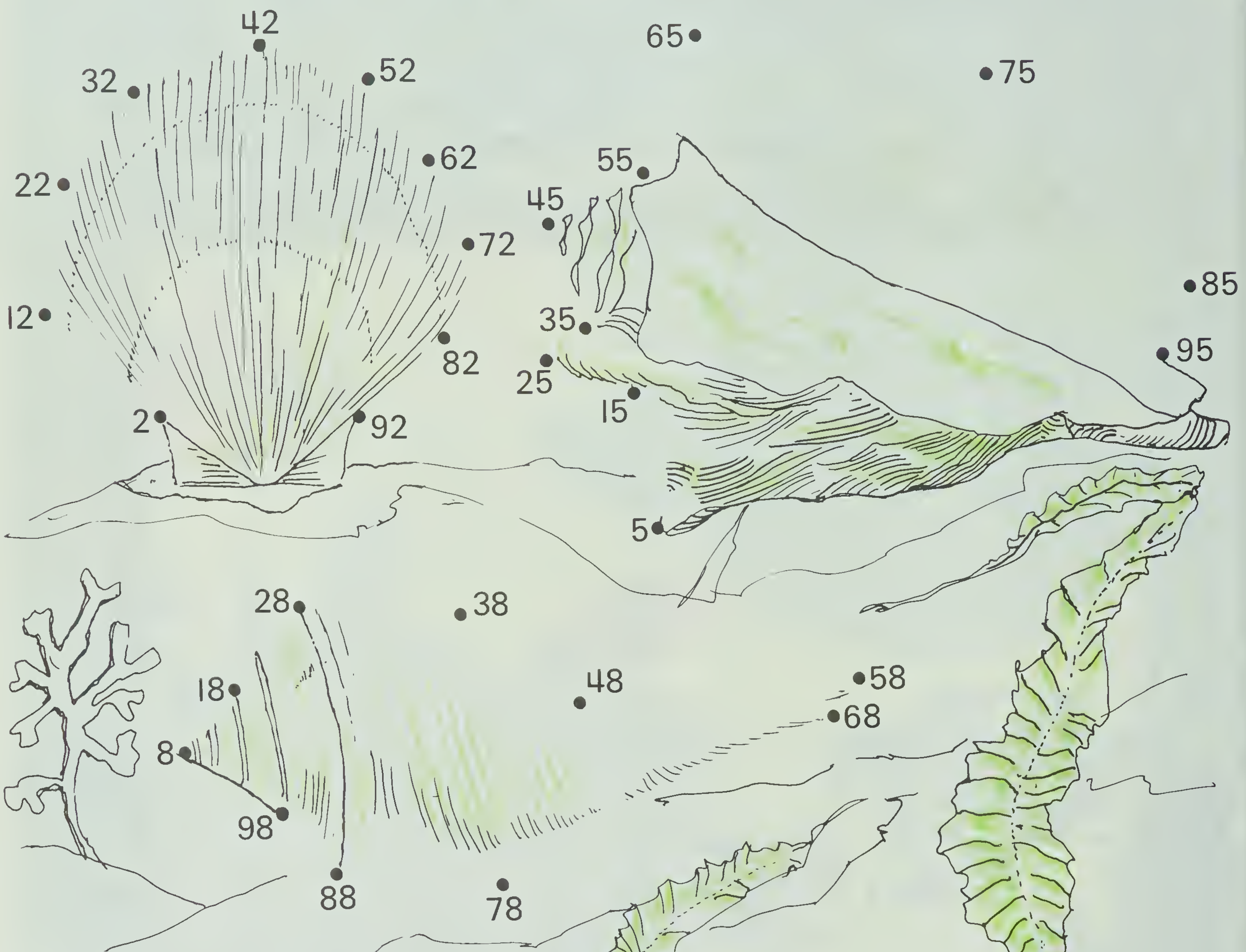

40
50
30
60
20
70
10
80



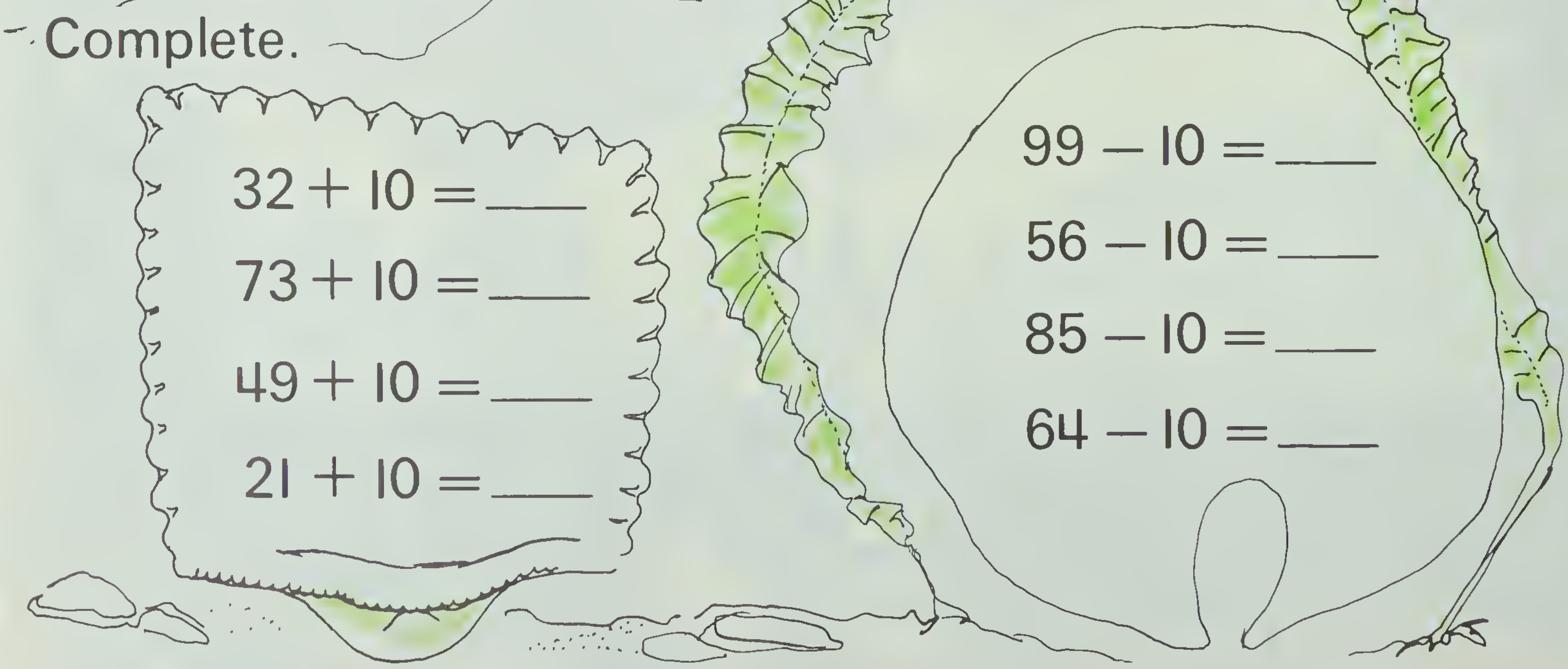
26 + 10 = 36

97 − 10 = 87

Count by tens and join the dots.


42
65
32
52
75
22
62
55
45
72
12
35
85
82
25
95
15
2
92
5
28
38
18
48
58
68
8
98
88
78

Complete.



32 + 10 = ____

73 + 10 = ____

49 + 10 = ____

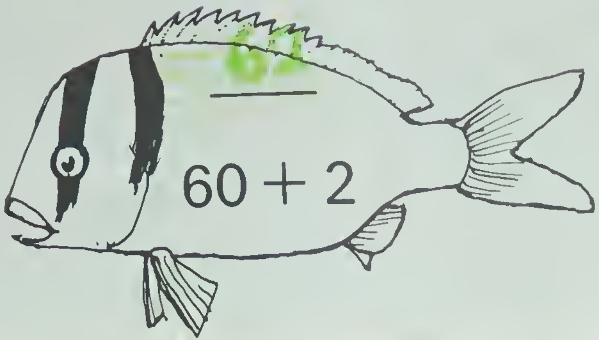
21 + 10 = ____

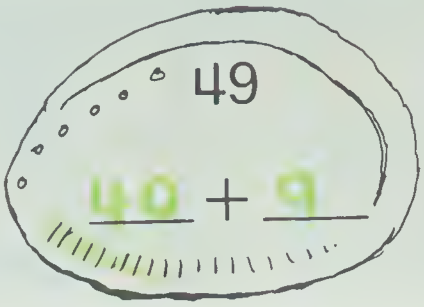
99 − 10 = ____

56 − 10 = ____

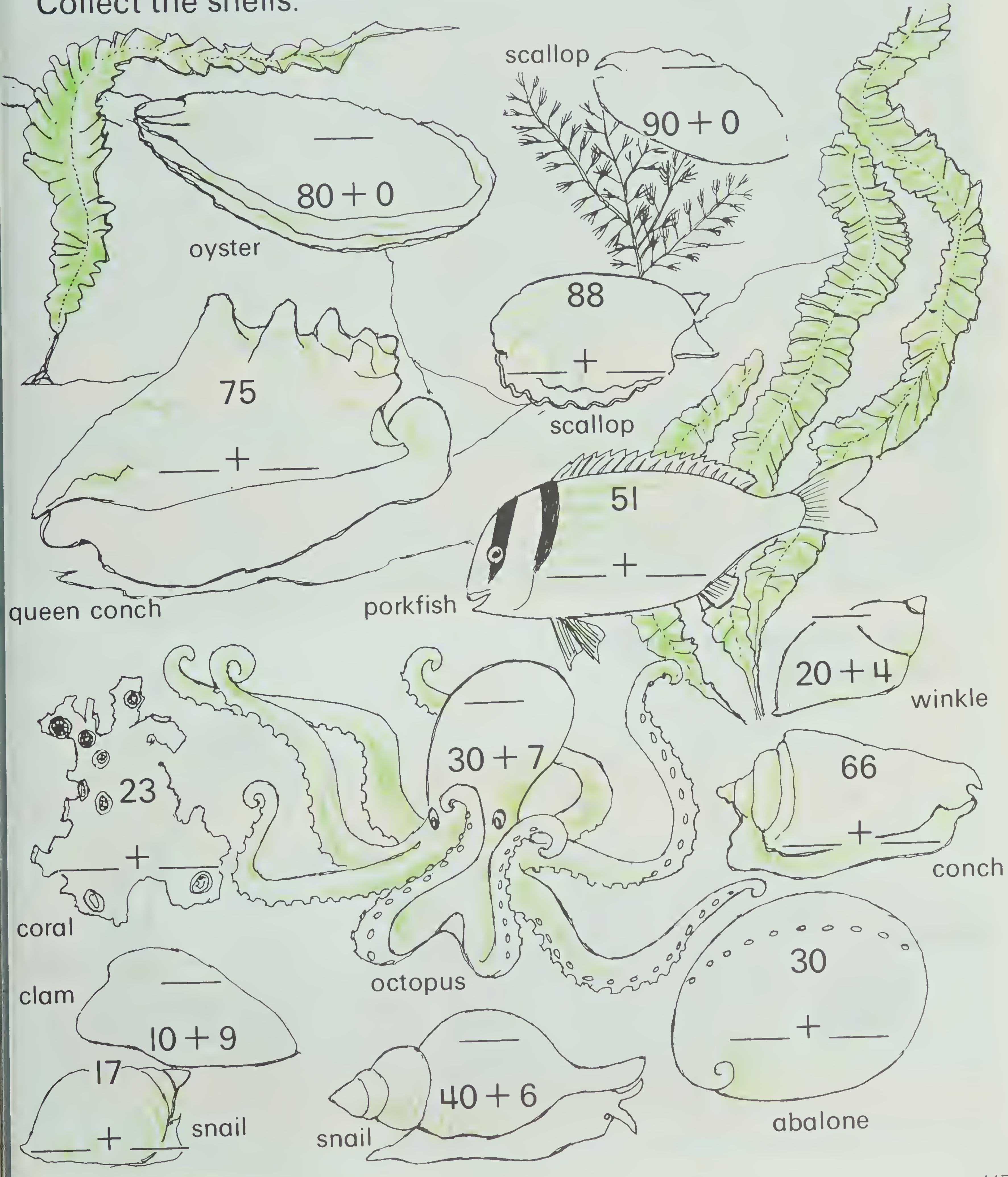
85 − 10 = ____

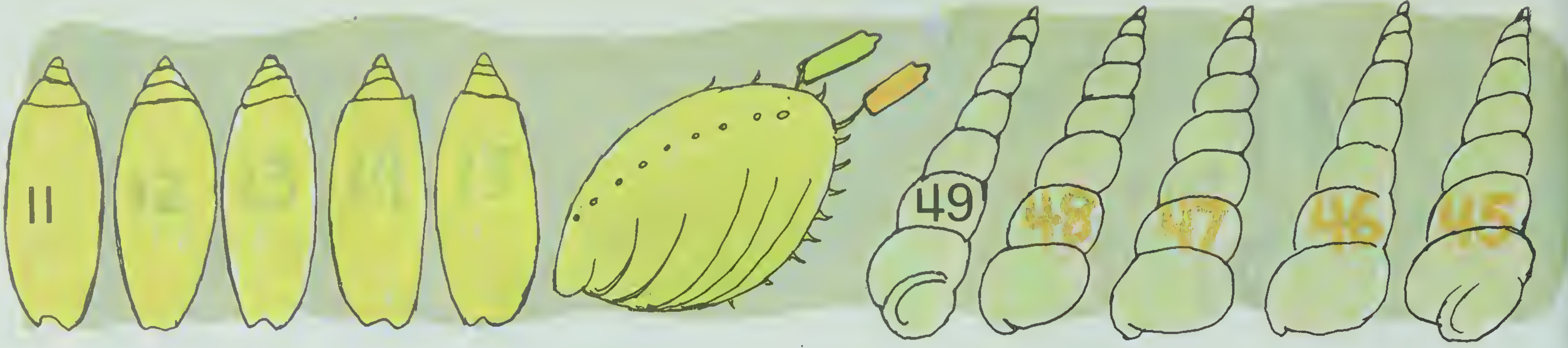
64 − 10 = ____



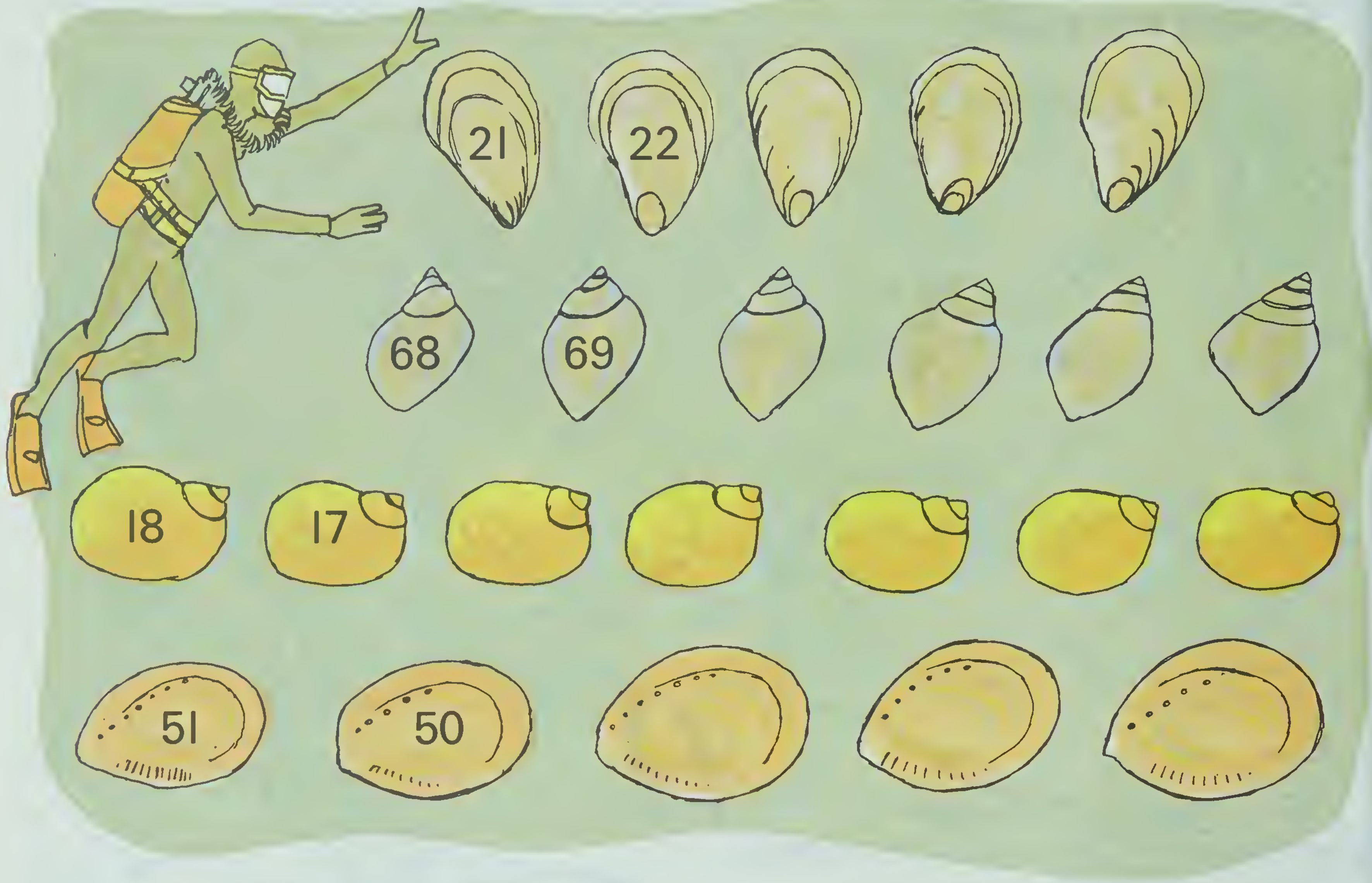


Collect the shells.

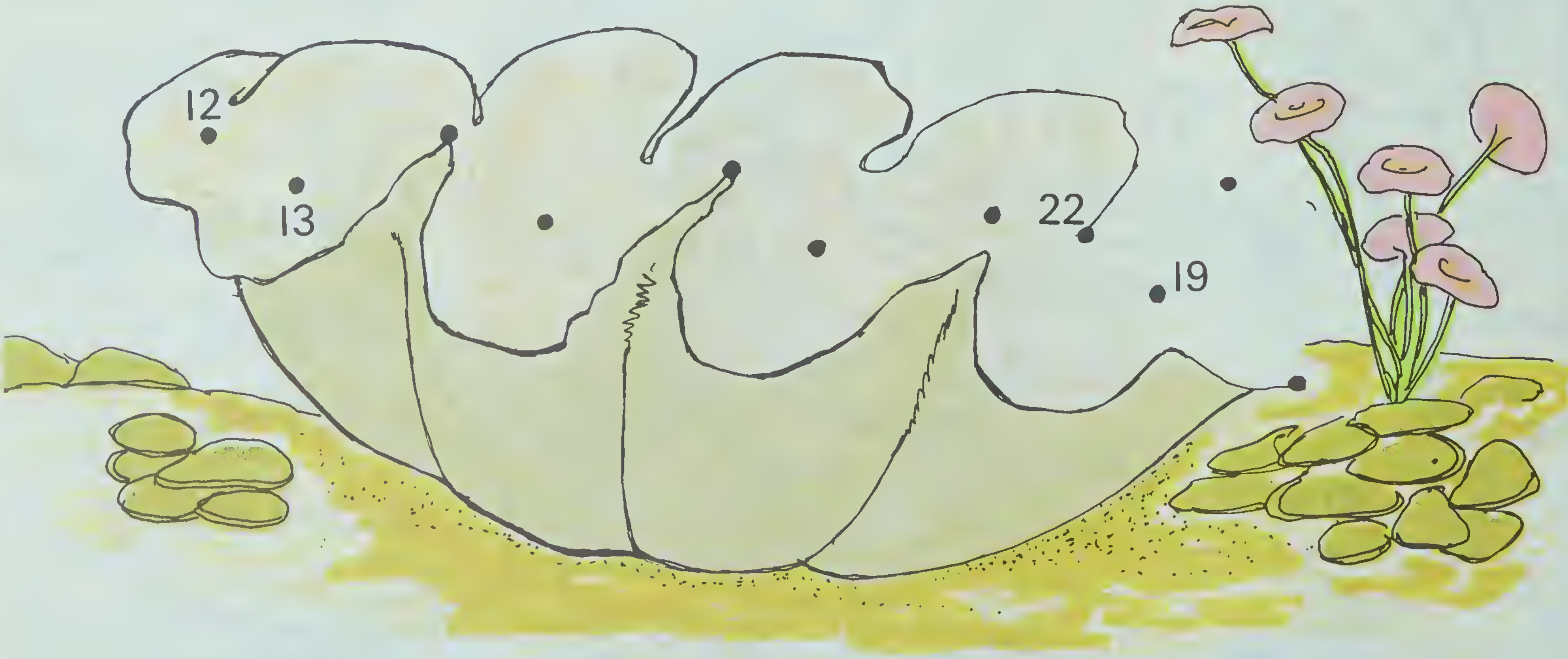

scallop
___
90 + 0
___
80 + 0
oyster
88
___ + ___
scallop
75
___ + ___
queen conch
51
___ + ___
porkfish
___
20 + 4
winkle
___
30 + 7
23
___ + ___
coral
66
___ + ___
conch
octopus
clam
___
10 + 9
30
___ + ___
abalone
17
___ + ___
snail
___
40 + 6
snail

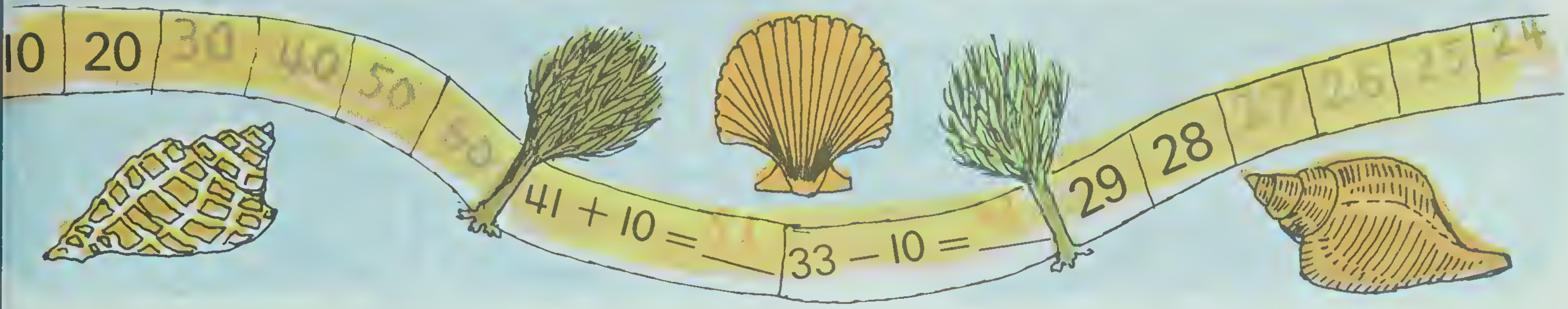

11
12
13
14
15
49
48
47
46
45

What number comes next?

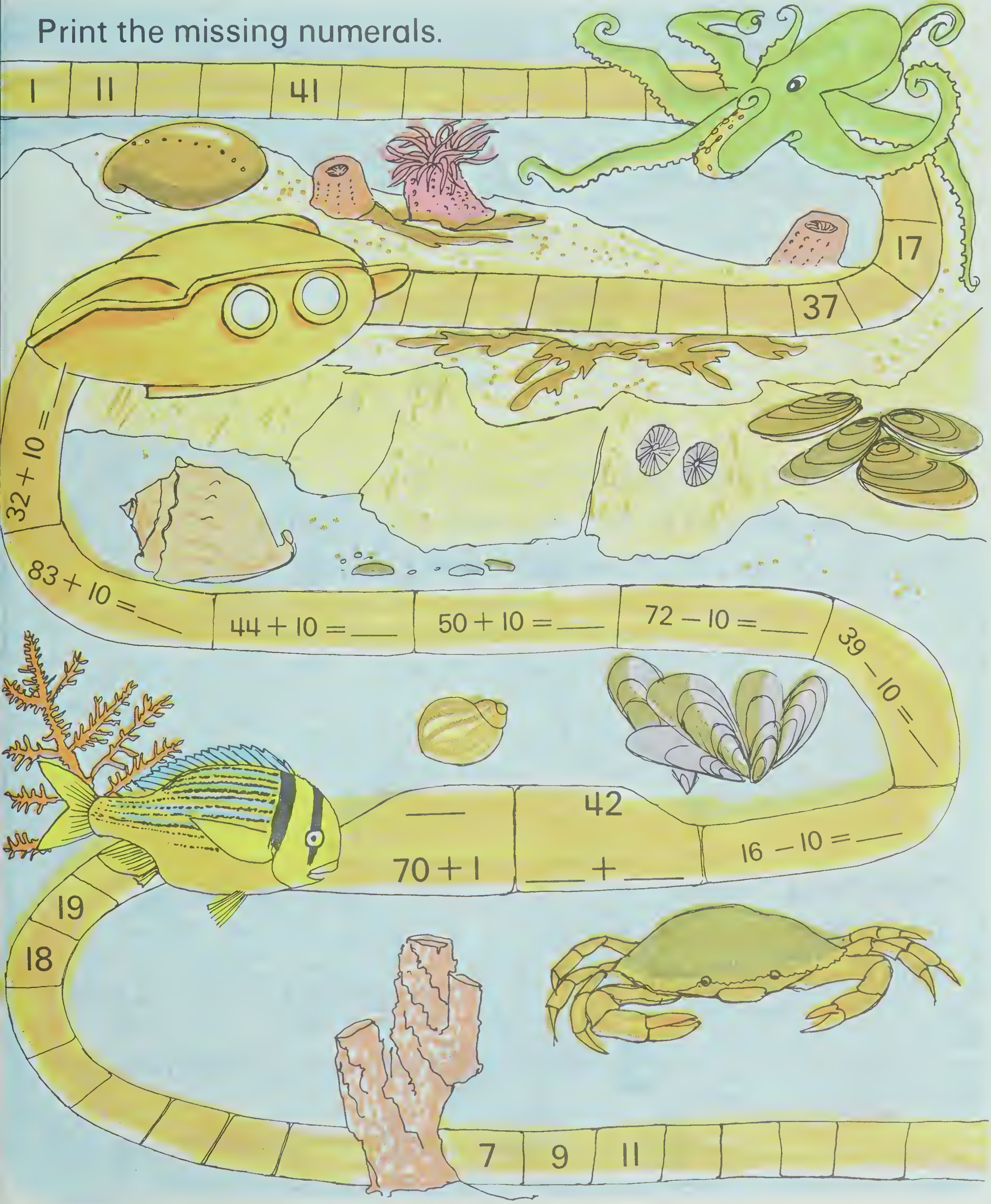

21
22
68
69
18
17
51
50

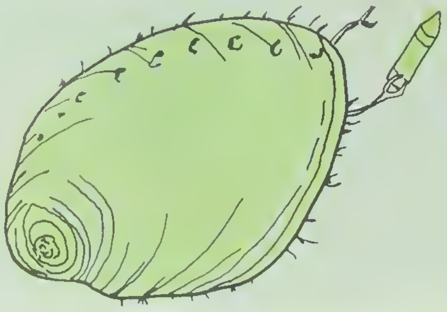
Print the missing numerals.
Join the dots.

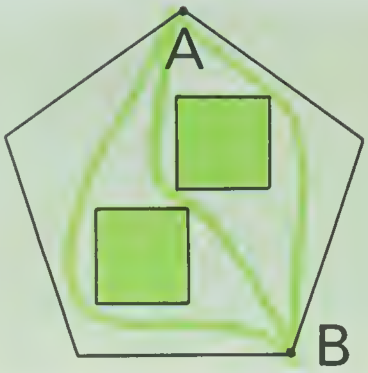



10
20
30
40
50
60
41 + 10 = ___
33 − 10 = ___
29
28
27
26
25
24

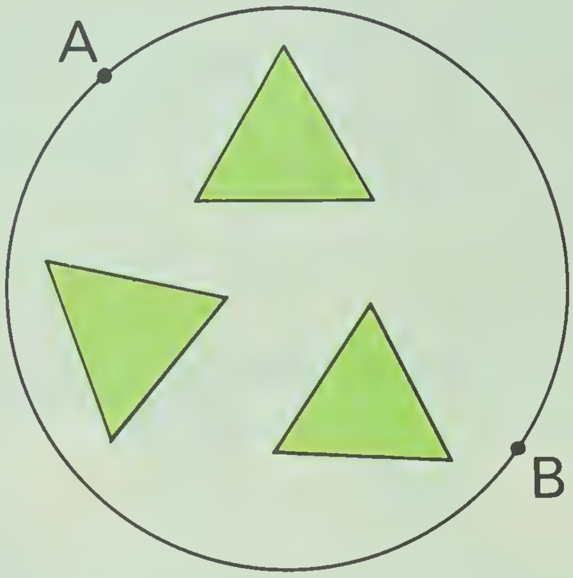
Print the missing numerals.


1
11
41
17
37
32 + 10 = ___
83 + 10 = ___
44 + 10 = ___
50 + 10 = ___
72 − 10 = ___
39 − 10 = ___
16 − 10 = ___
42
___ + ___
___
70 + 1
19
18
7
9
11

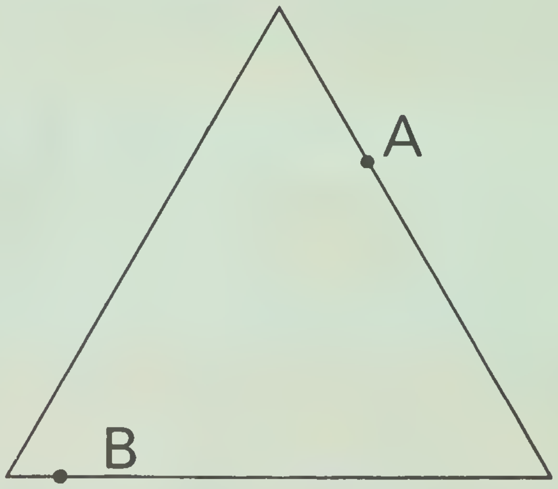




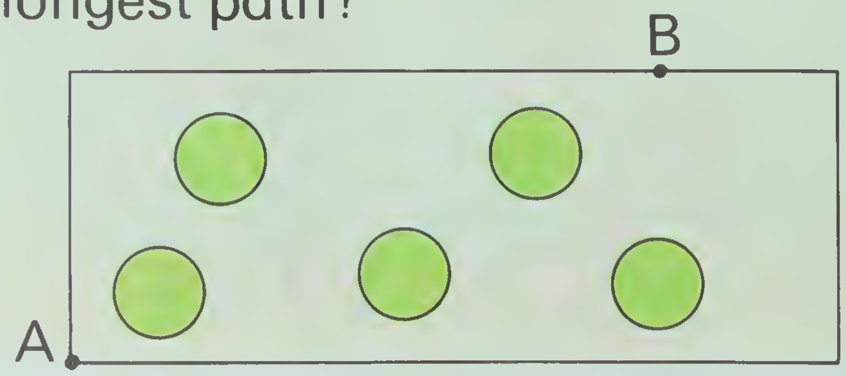
Draw three different paths from point A to point B.
Go around the shapes.

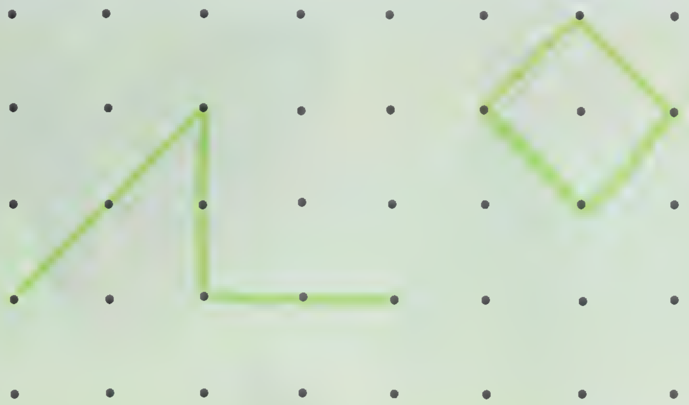


Draw a path from point A to point B.
Draw the shortest path from point A to point B.
Draw a longer path from point A to point B.



Draw three different paths using three different colours.
Which is the shortest path?
Which is the longest path?

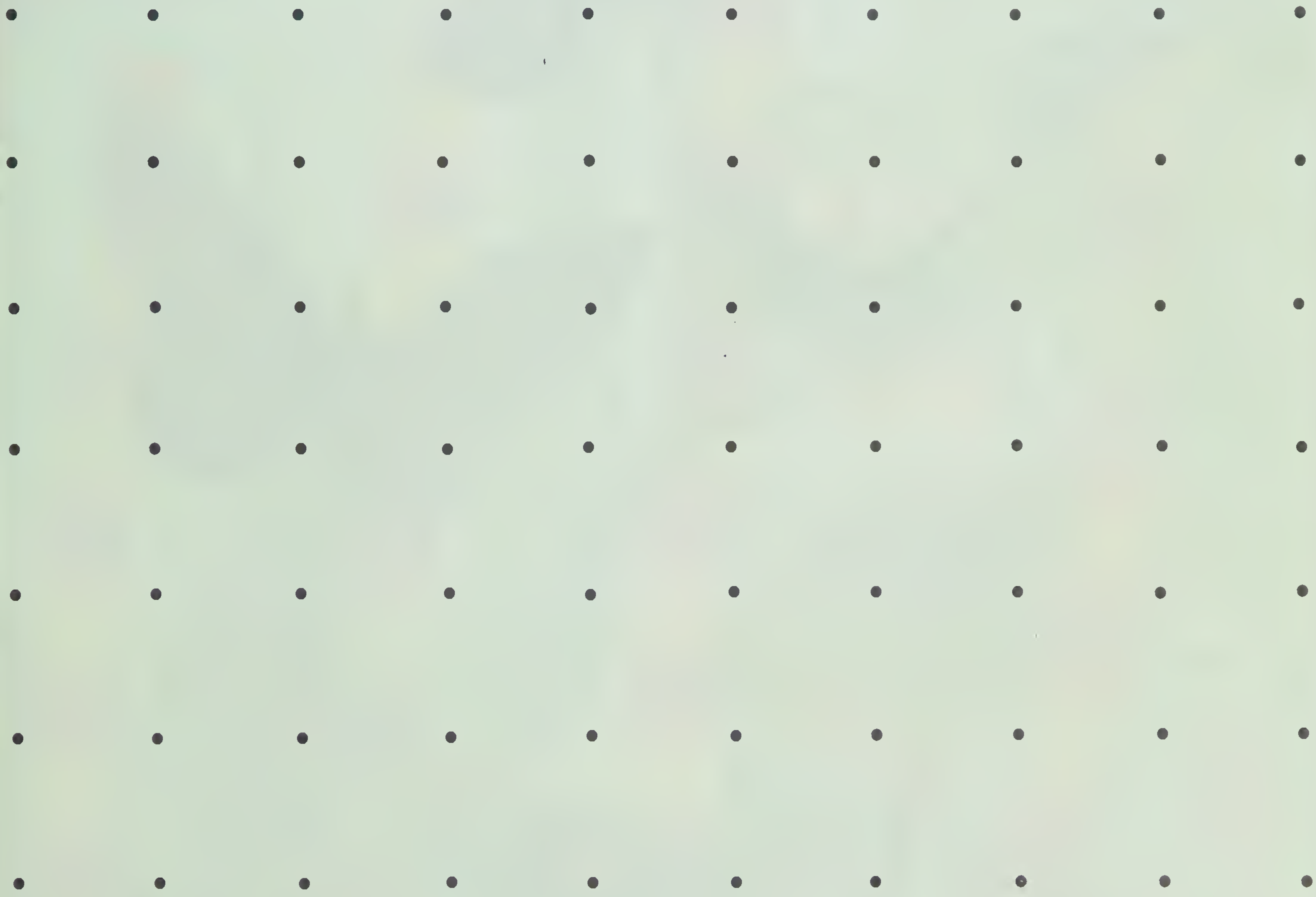




Join three dots in any straight line.

Join four dots in any straight line.

Make your own path. Tell about it.

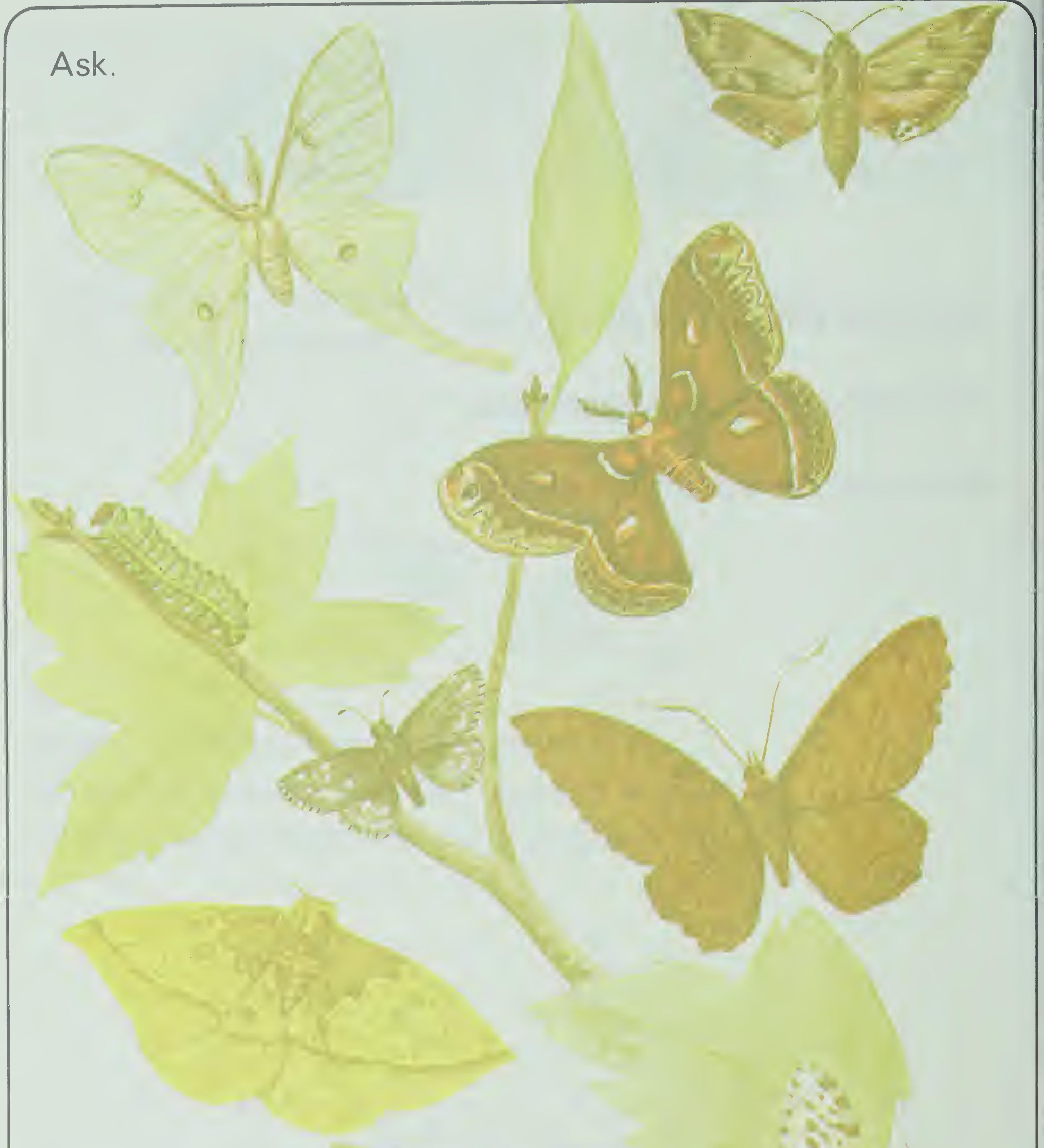


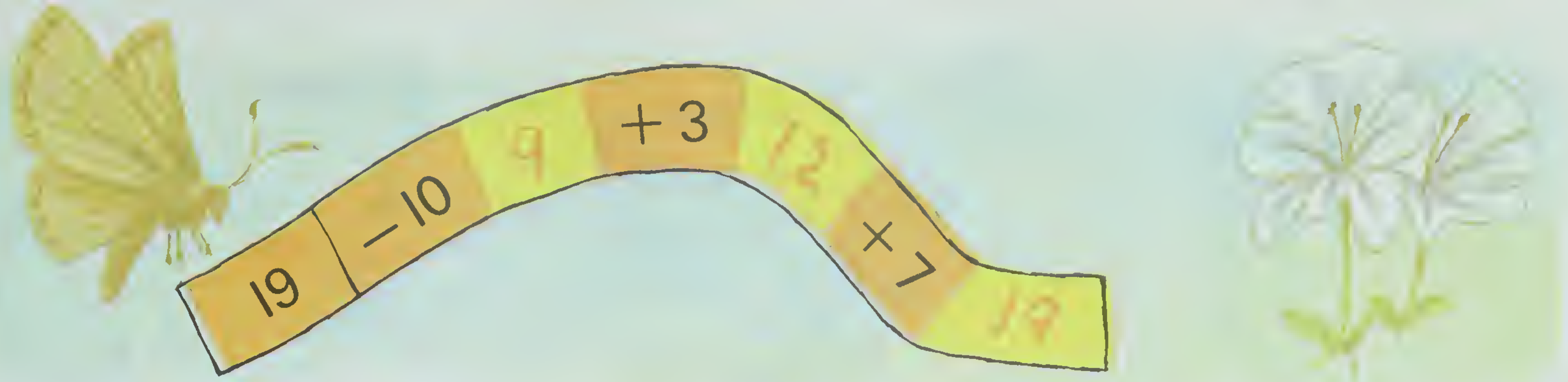
Draw a path to make a shape.

Draw a path to make another shape.

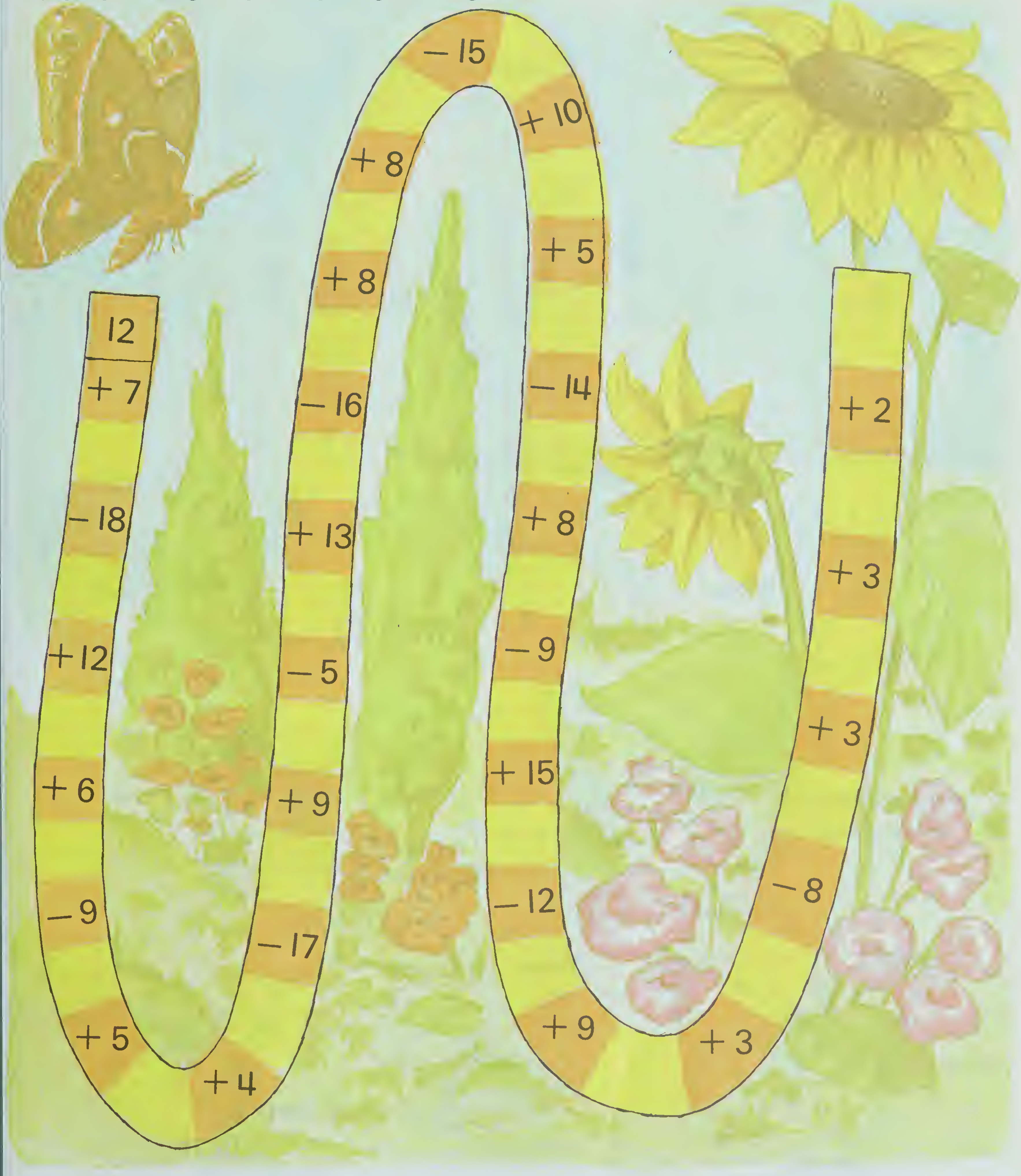
Tell about one of your shapes.

Ask.

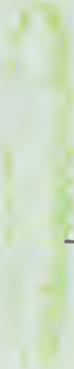



19
−10
9
+3
12
+7
19

Follow the moth to the flower.


12
+7
−18
+12
+6
−9
+5
+4
−17
+9
−5
+13
−16
+8
+8
−15
+10
+5
−14
+8
−9
+15
−12
+9
+3
−8
+3
+3
+2

Add.



6
10
3
19

thirteen,
nineteen

Subtract.

(19,7) 12

Add.

n __ n __ __ __ __ n

5	12	0	3	4	4	15	2
3	1	18	13	1	10	2	16
11	6	1	3	14	5	2	1
__	__	__	__	__	__	__	__

Subtract.

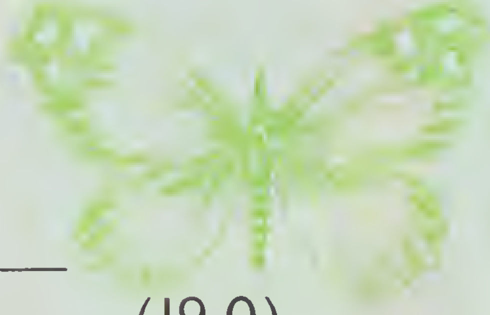
ringlet

(19,5) ____

question mark

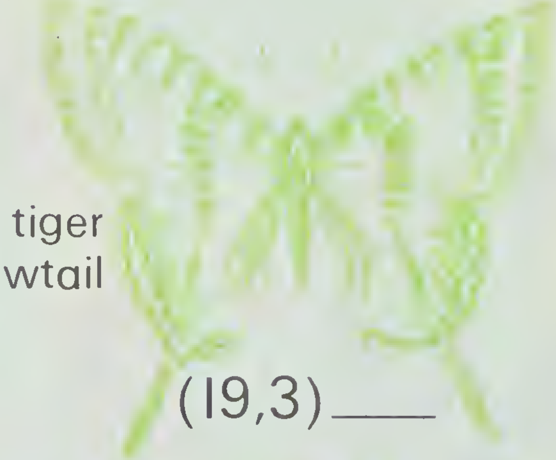
(19,13) ____

common snout



(19,0) ____

western tiger
swallowtail



(19,3) ____

zebra
swallowtail

(19,4) ____

monarch

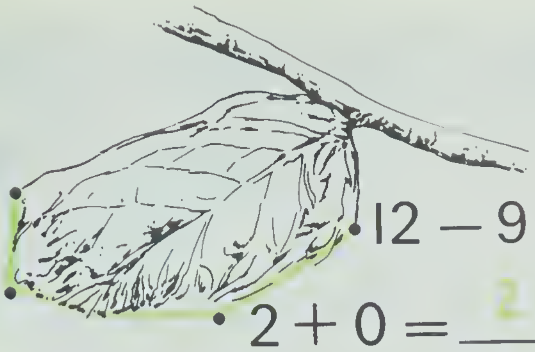
(19,19) ____

American copper

(19,6) ____

hathberry

(19,11) ____



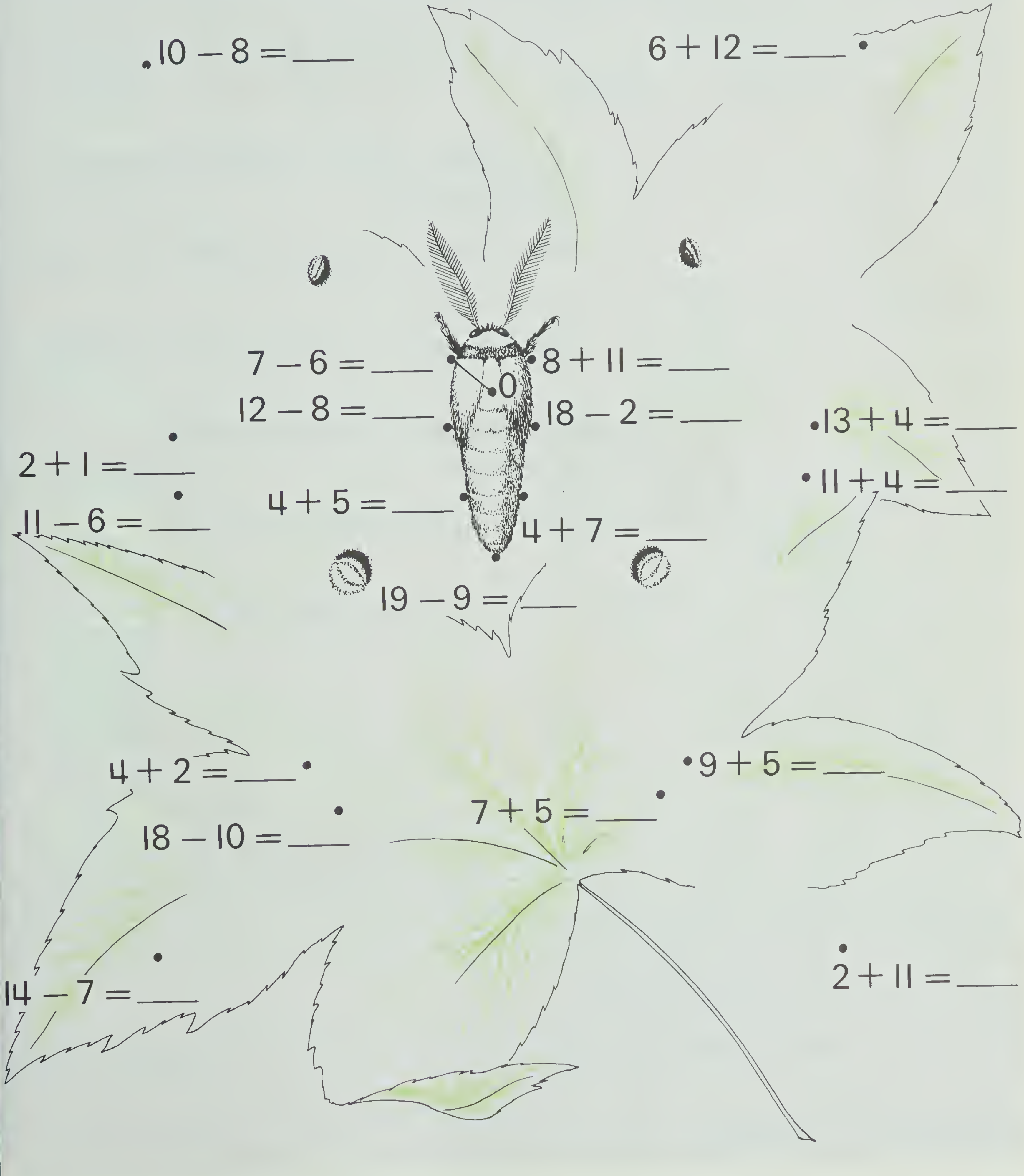
$6 - 6 = \underline{0}$

$10 - 9 = \underline{1}$

$12 - 9 = \underline{3}$

$2 + 0 = \underline{2}$

What is here? Join the dots.



$10 - 8 = \underline{\quad}$

$6 + 12 = \underline{\quad}$

$7 - 6 = \underline{\quad}$

$8 + 11 = \underline{\quad}$

$12 - 8 = \underline{\quad}$

$18 - 2 = \underline{\quad}$

$13 + 4 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$11 + 4 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$11 - 6 = \underline{\quad}$

$4 + 7 = \underline{\quad}$

$19 - 9 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$9 + 5 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$18 - 10 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$2 + 11 = \underline{\quad}$

Joanna saw 6 butterflies and I saw 5 butterflies.

How many butterflies did we see?

6+5=11

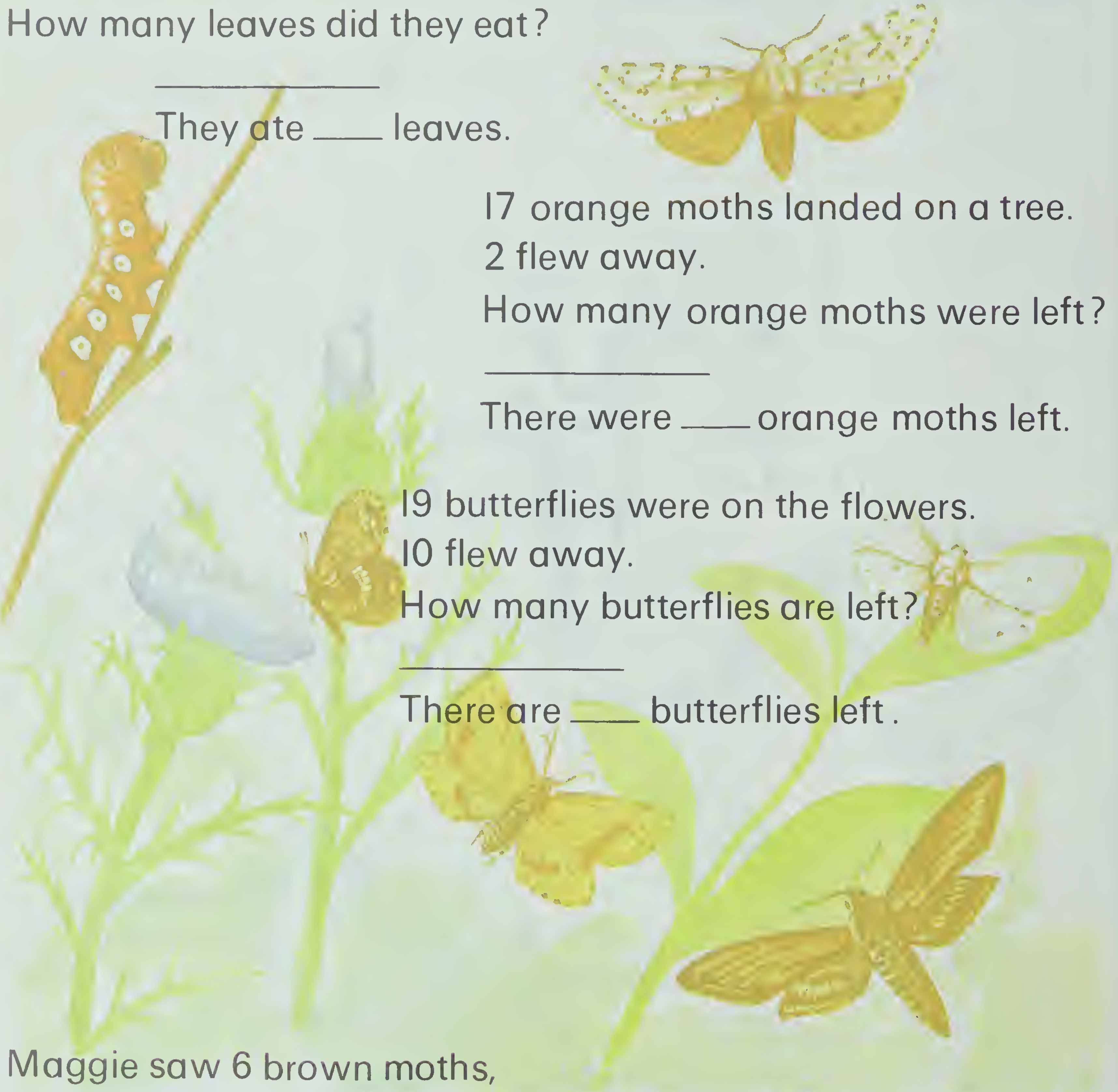
We saw 11 butterflies.

Orange caterpillars ate 5 big leaves, then they ate 13 small leaves.

How many leaves did they eat?

____

They ate ____ leaves.



17 orange moths landed on a tree.

2 flew away.

How many orange moths were left?

____

There were ____ orange moths left.

19 butterflies were on the flowers.

10 flew away.

How many butterflies are left?

____

There are ____ butterflies left.

Maggie saw 6 brown moths,
Debbie saw 2 white moths,
and Karl saw 9 yellow moths.

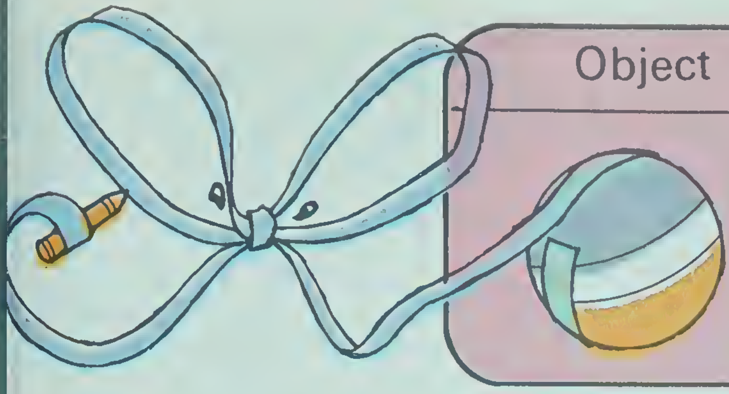
How many moths did they see?

____

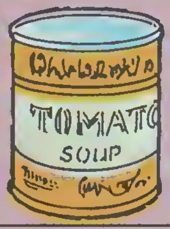
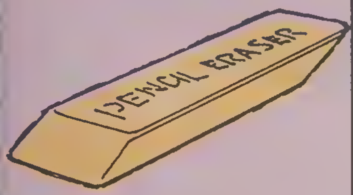
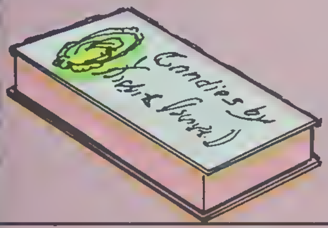
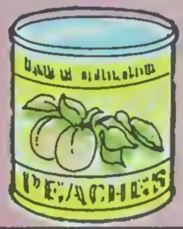
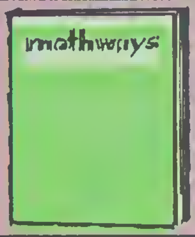
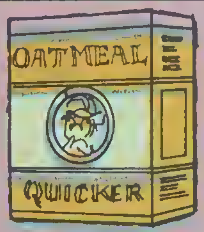
They saw ____ moths.

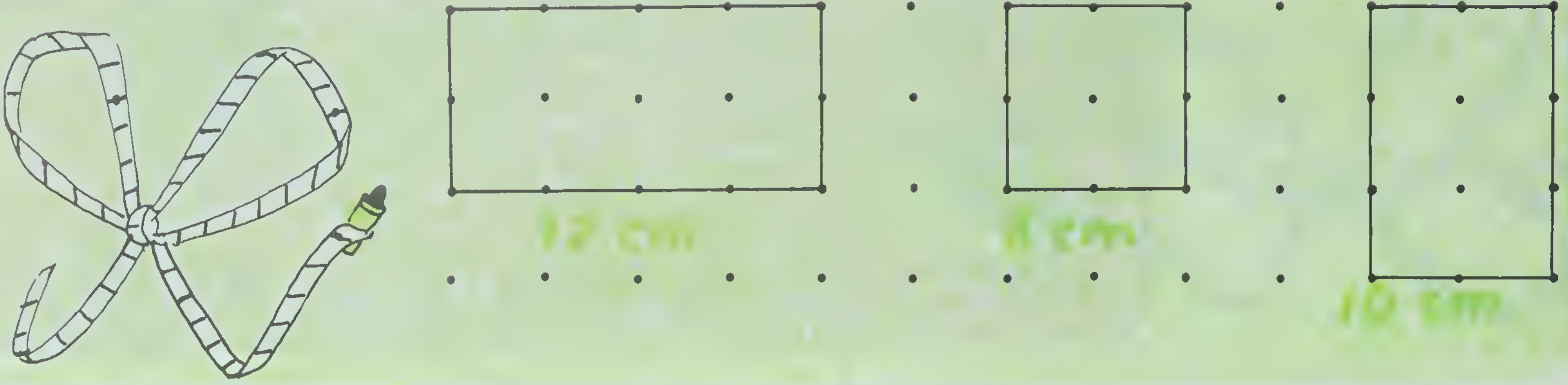
Print a story.

18 − 5 = ____

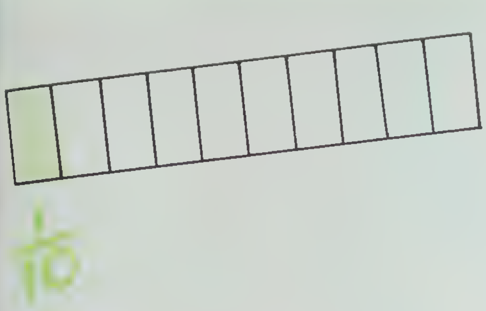
Object	Guess	Measurement
	16cm	20cm

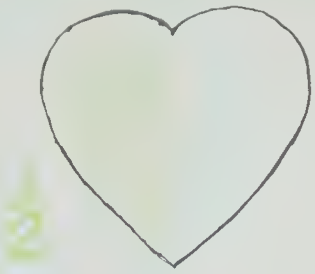
Use your metre tape to find the perimeter.

Object	Guess	Measurement
 TOMATO SOUP		
 PENCIL ERASER		
		
		
		
 OATMEAL QUICKER		
You choose.		

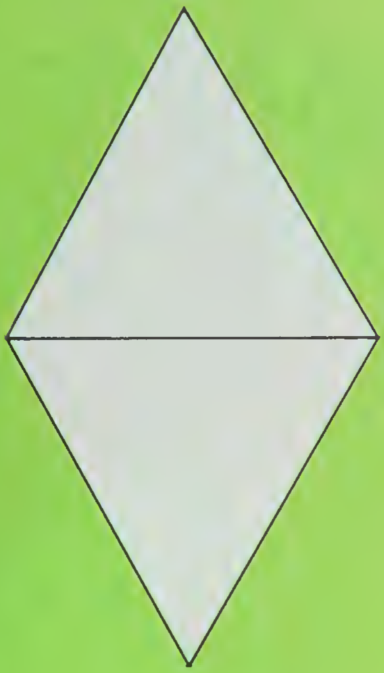

12 cm
8 cm
10 cm

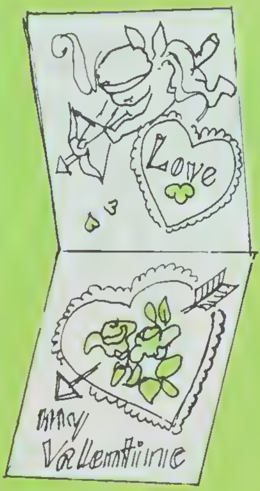
Join dots to make squares or rectangles.
Count the sections to find the perimeters.

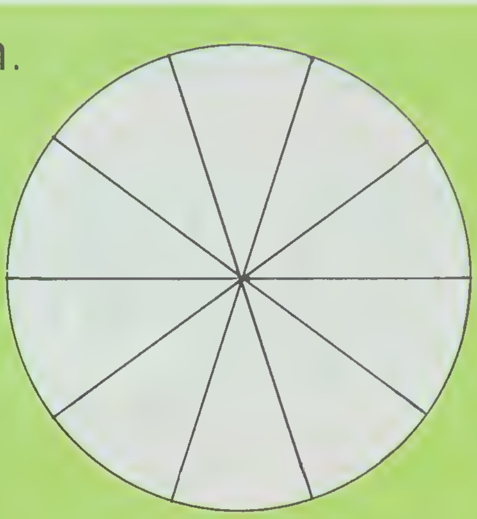


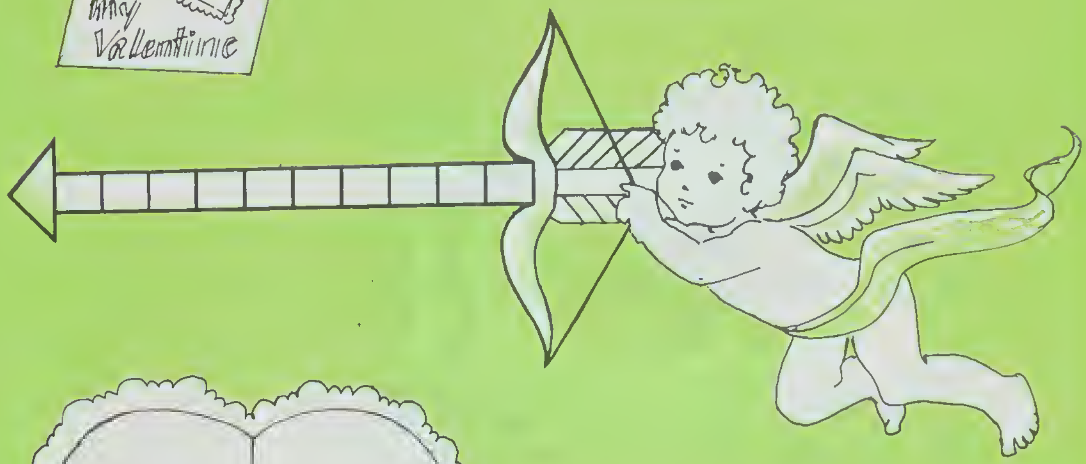


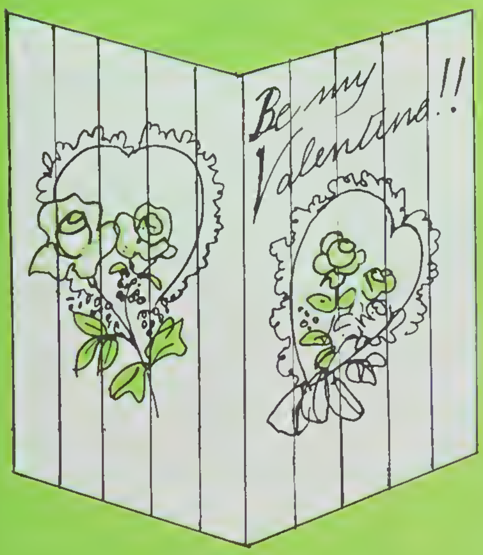
Colour one part and print the fraction.

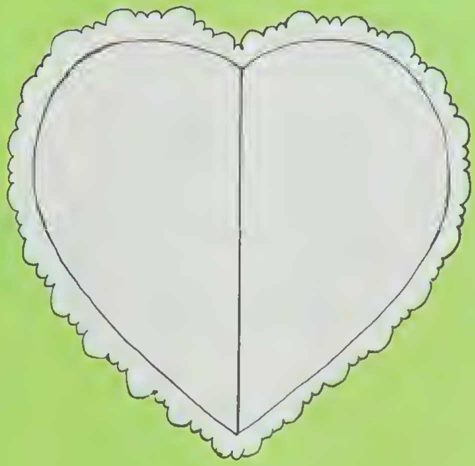


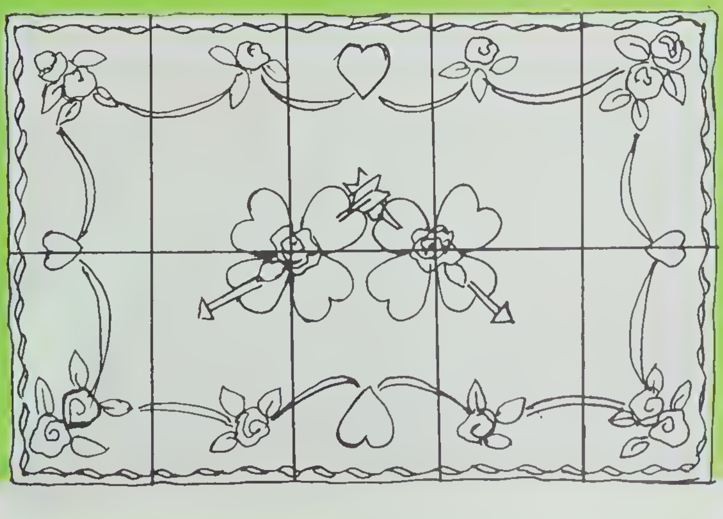

Love
my Valentine

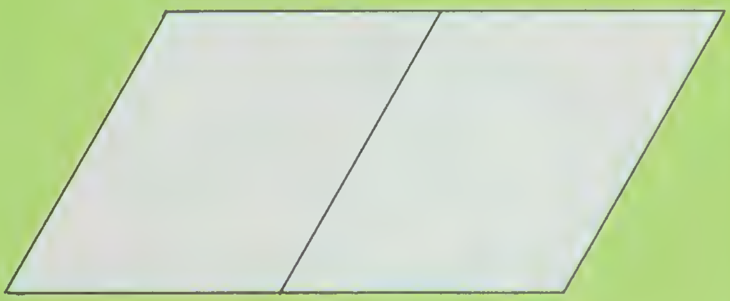


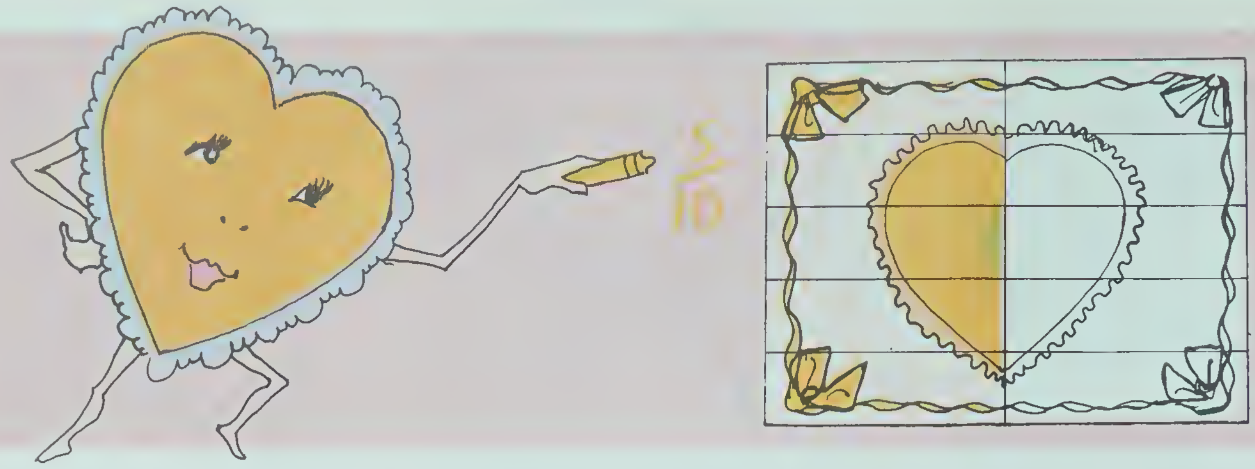



Be my Valentine!!

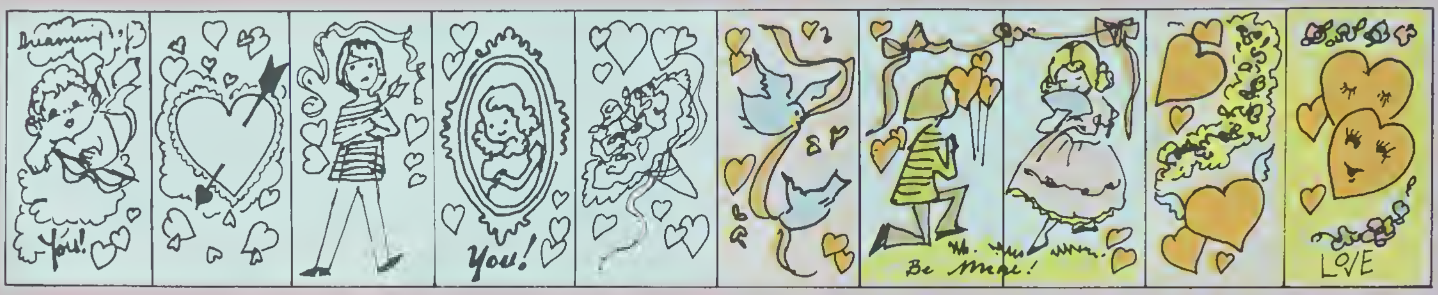


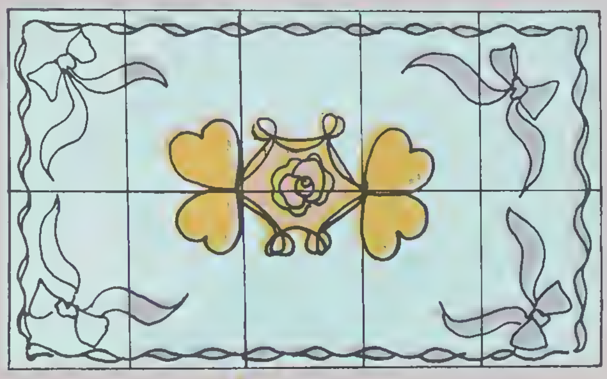


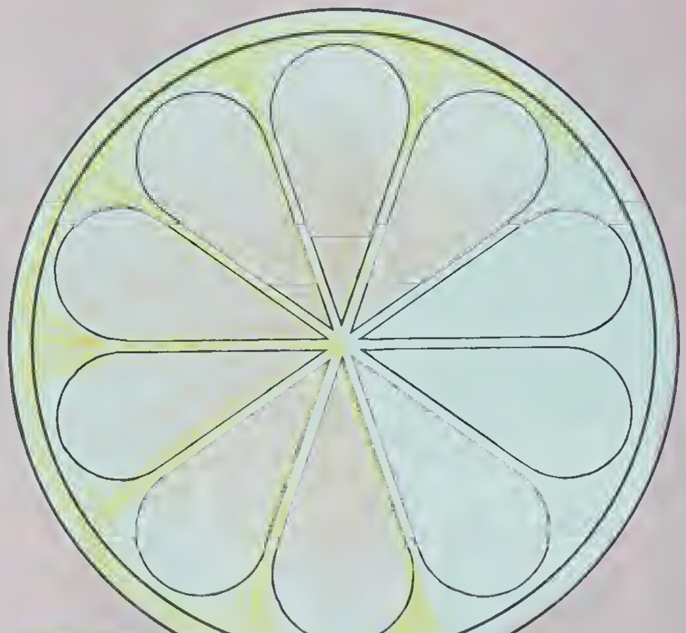


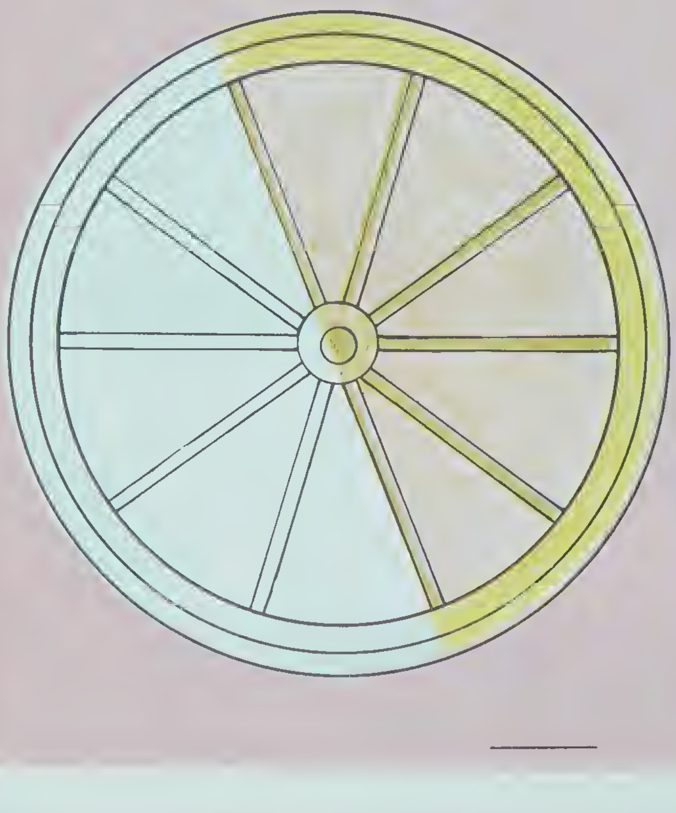


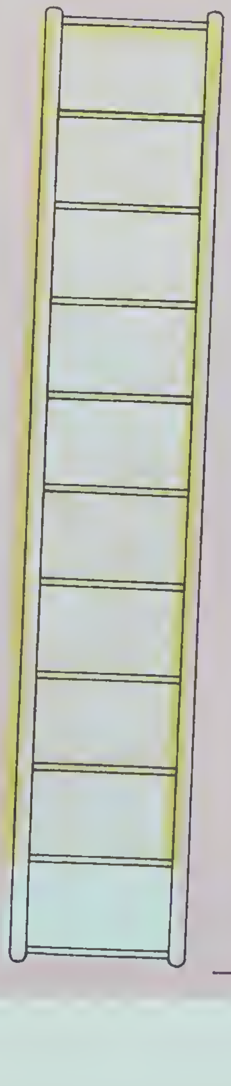
How many tenths? Print the fractions.

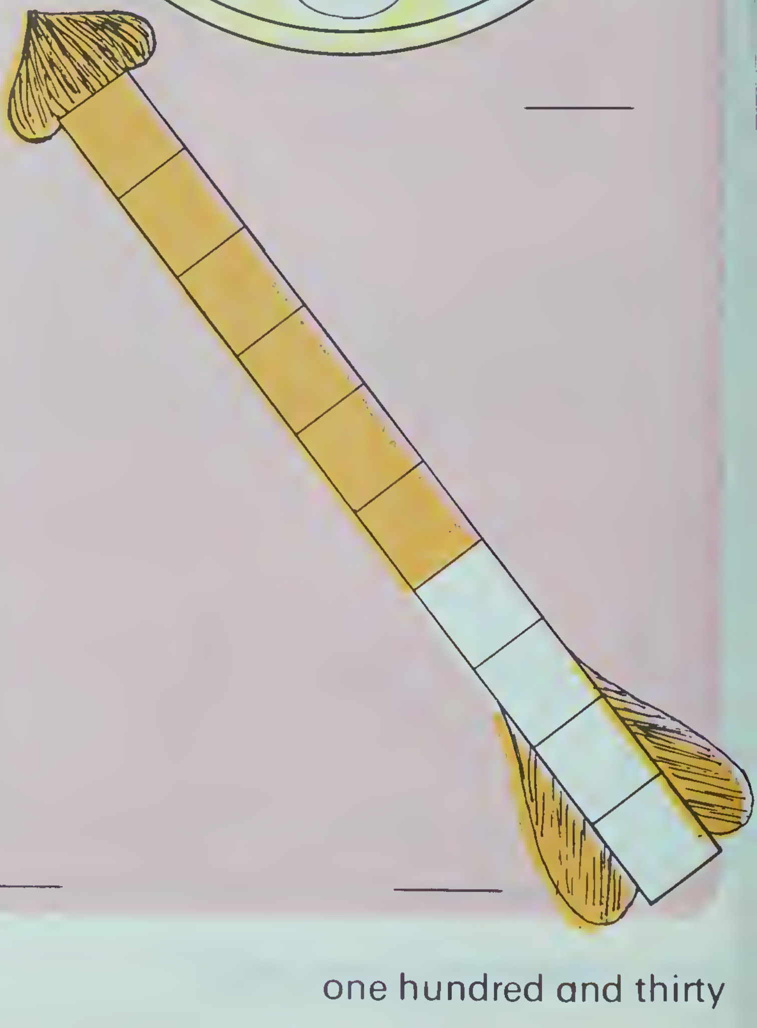

You!
You!
Be Mine!
LOVE

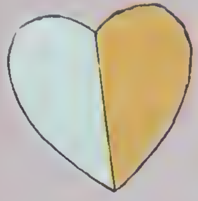




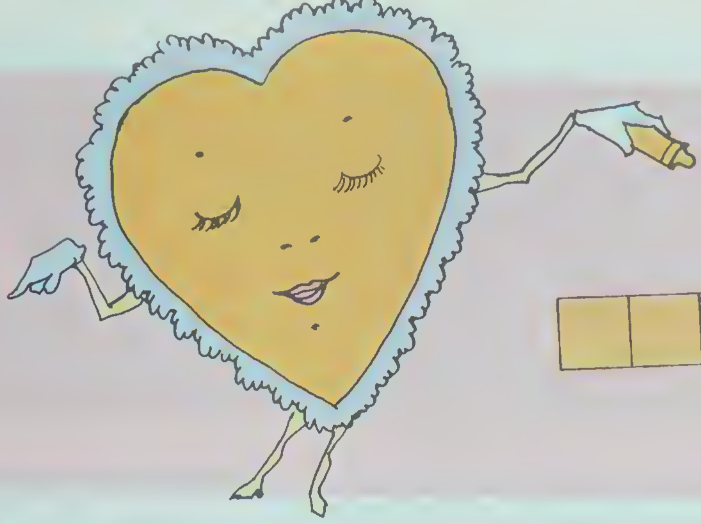


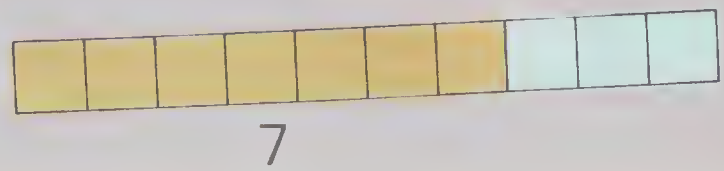






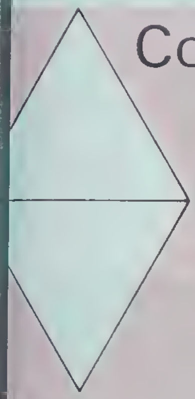
$\frac{1}{2}$



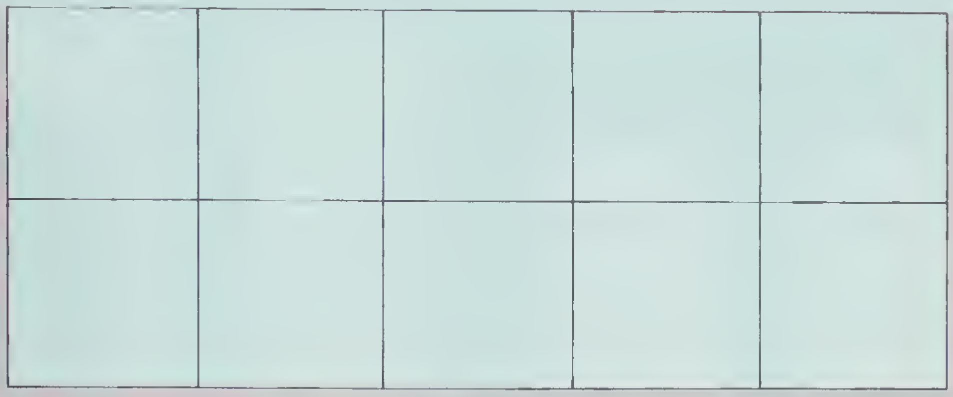


$\frac{7}{10}$

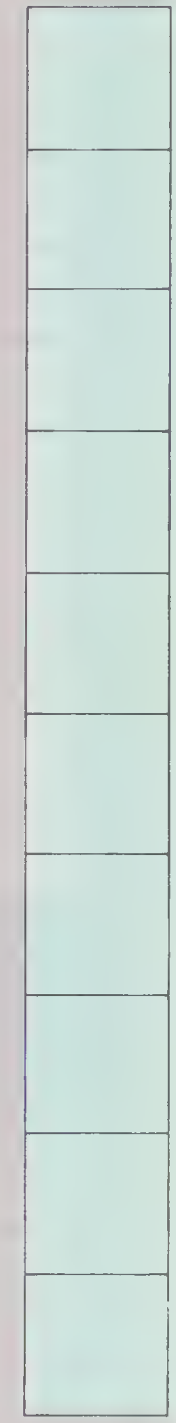
Colour.



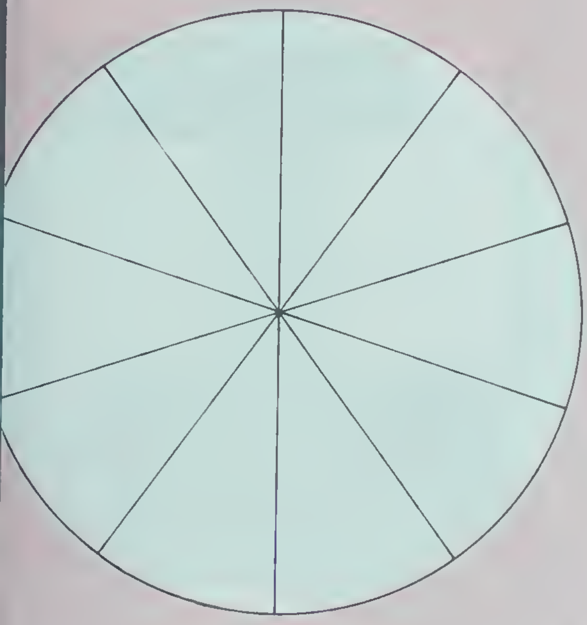
$\frac{1}{2}$



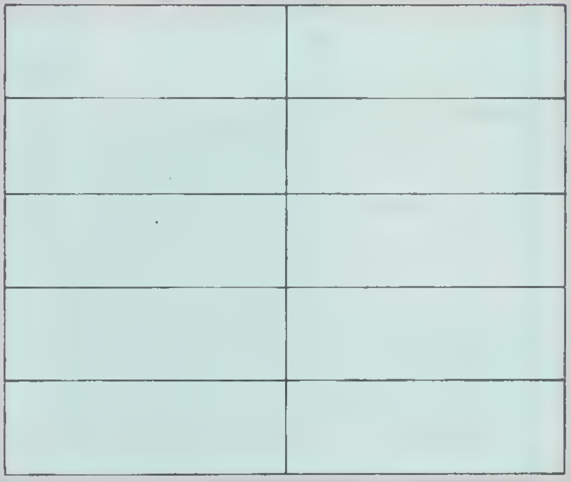
$\frac{6}{10}$



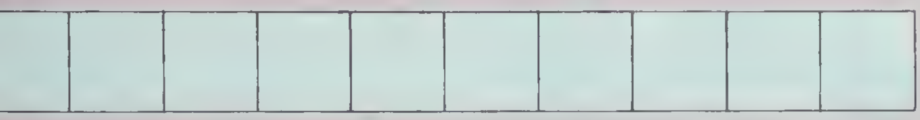
$\frac{9}{10}$



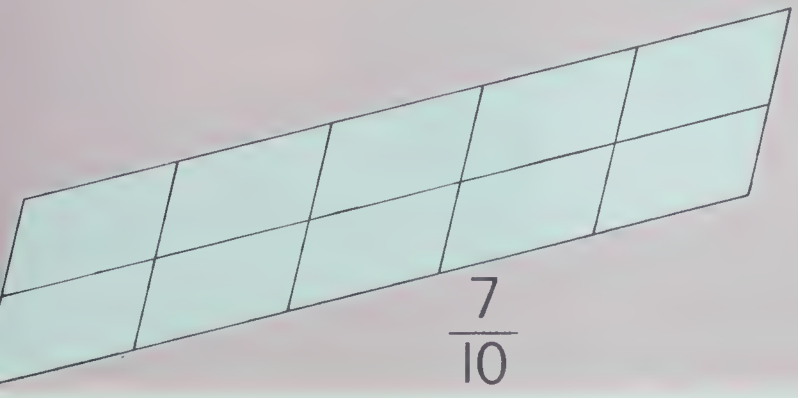
$\frac{8}{10}$



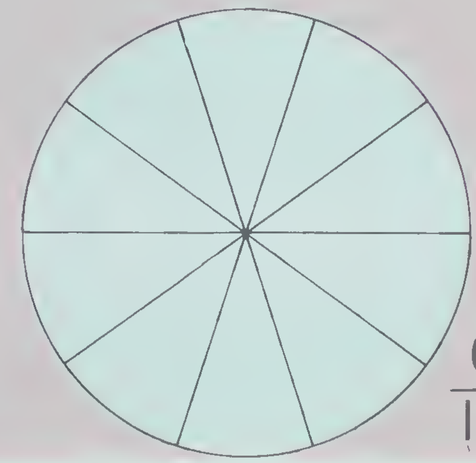
$\frac{7}{10}$



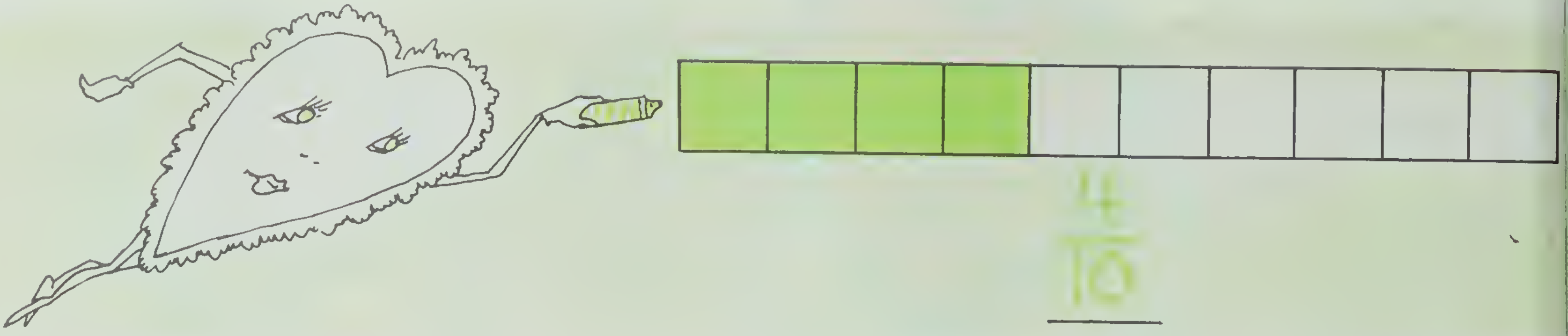
$\frac{5}{10}$



$\frac{7}{10}$

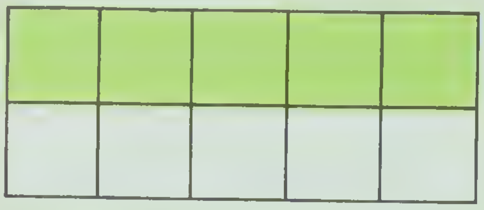


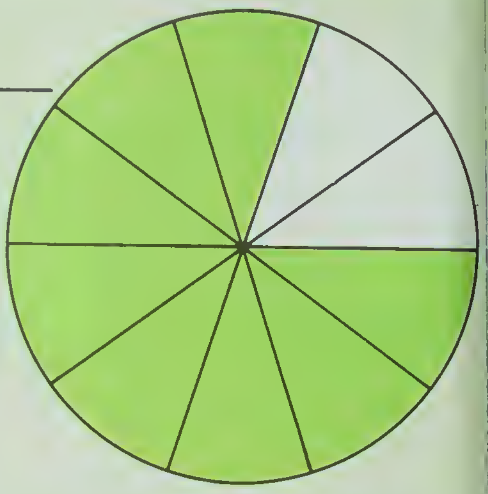
$\frac{6}{10}$

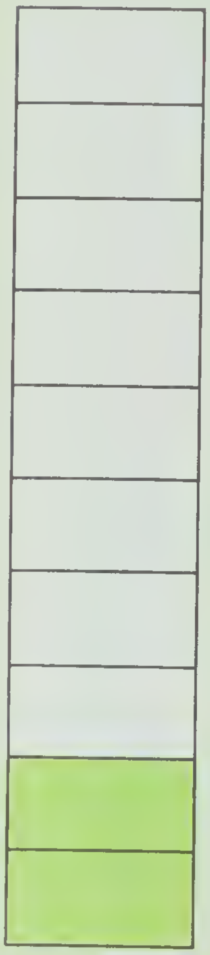


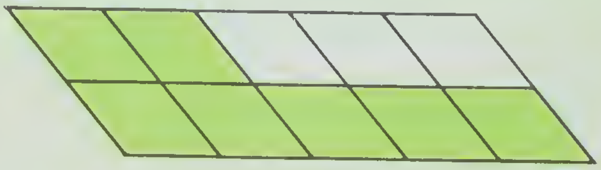
$\frac{4}{10}$

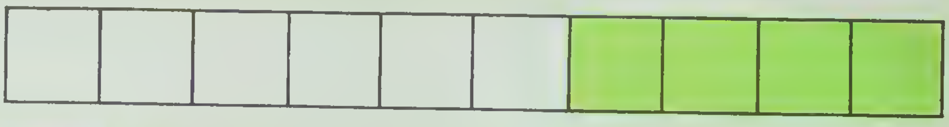
What is the fraction?

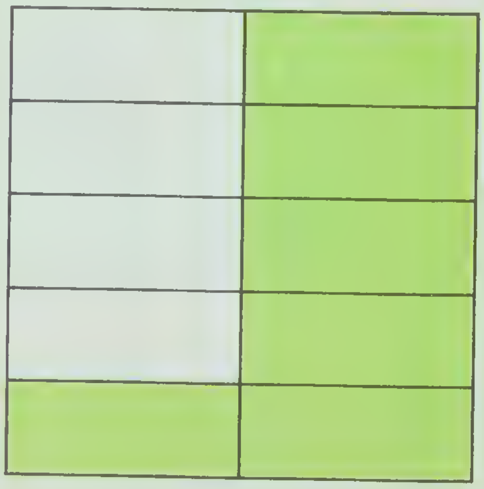


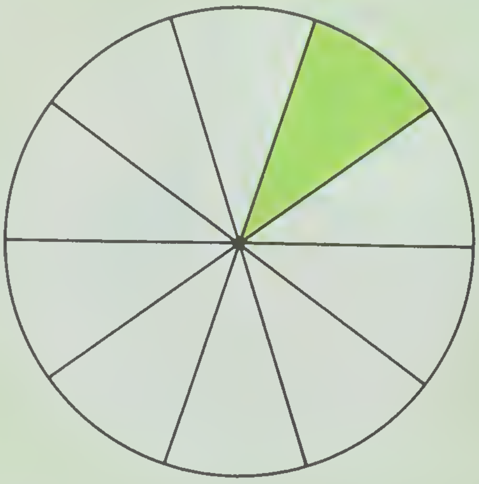


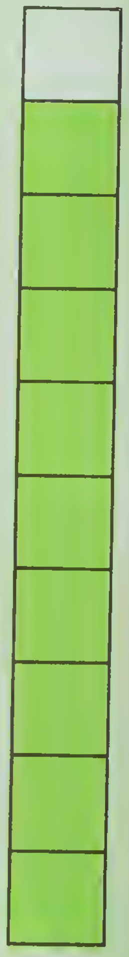


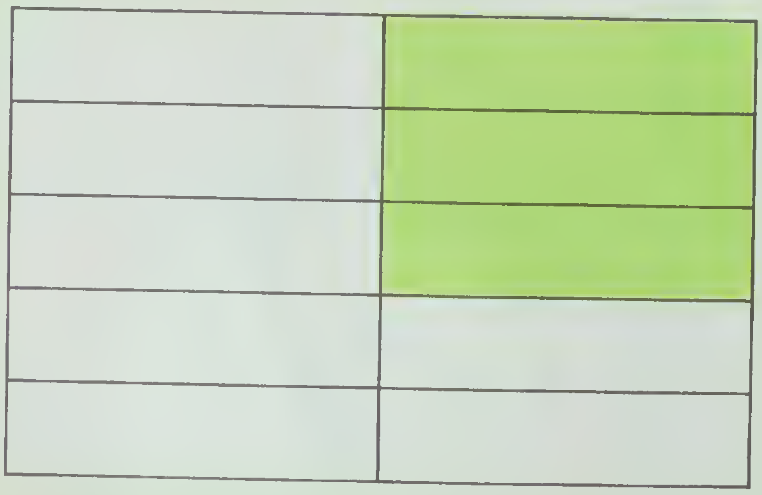


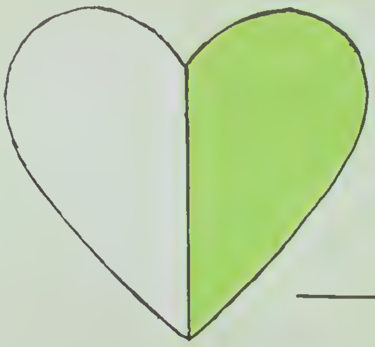


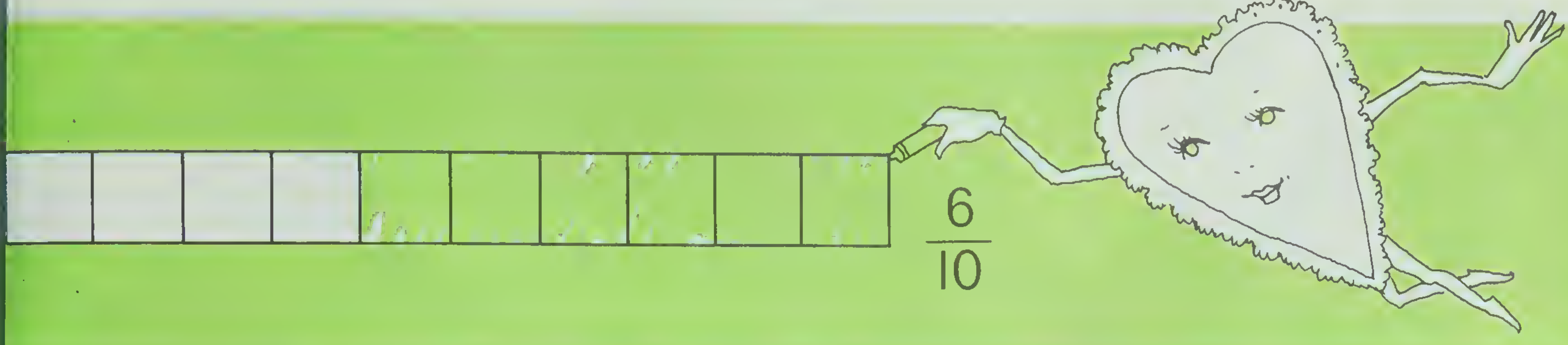






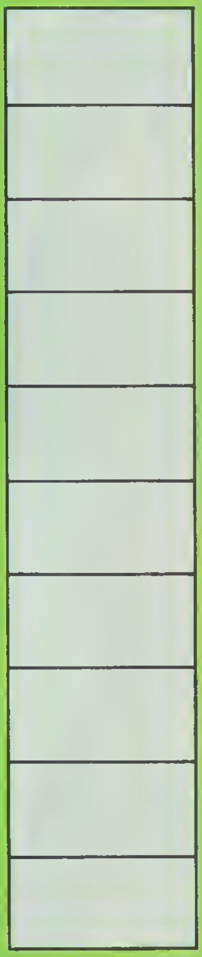




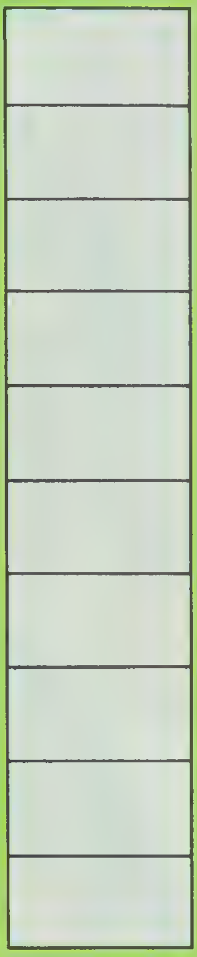


$\frac{6}{10}$

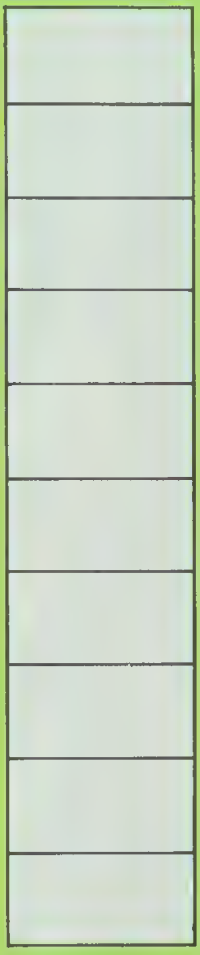
Colour the shapes to show the fractions.



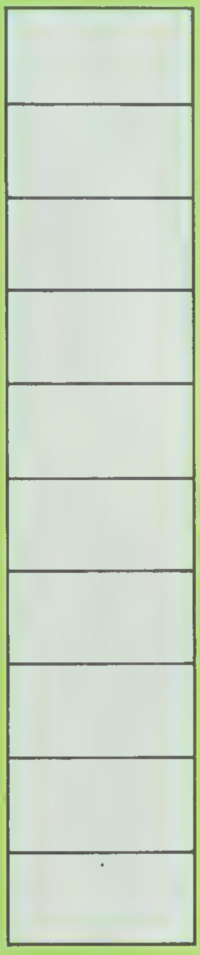
$\frac{2}{10}$



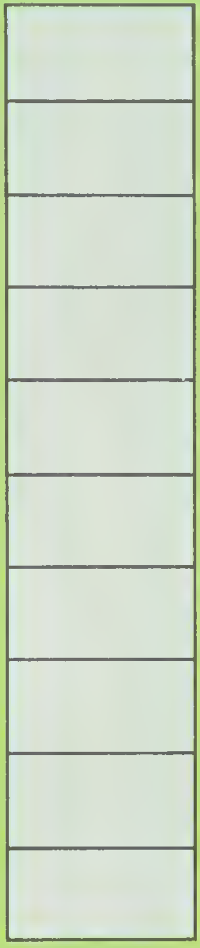
$\frac{6}{10}$



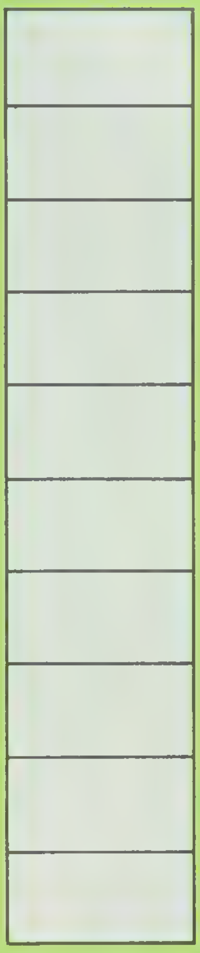
$\frac{5}{10}$



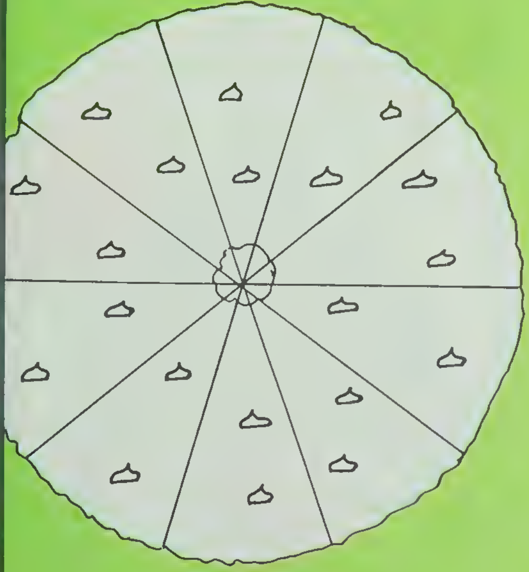
$\frac{1}{2}$



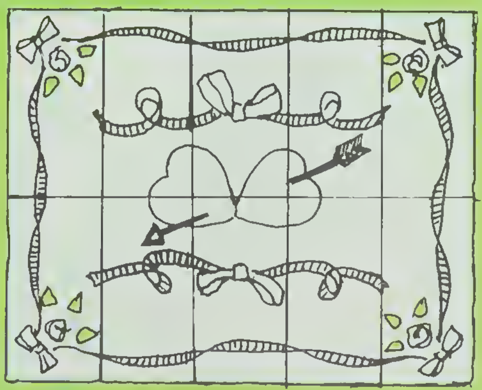
$\frac{7}{10}$



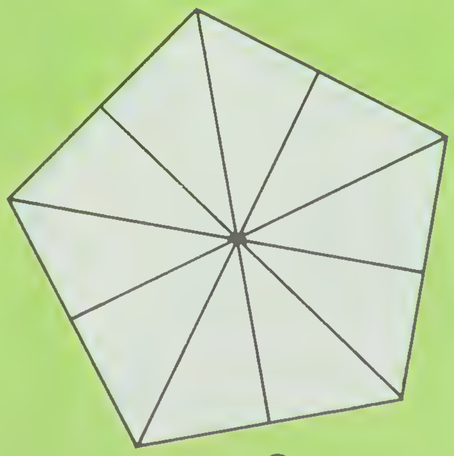
$\frac{9}{10}$



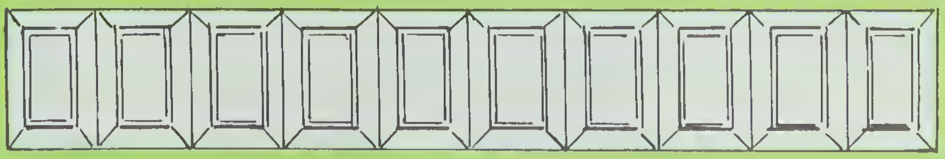
$\frac{3}{10}$



$\frac{6}{10}$

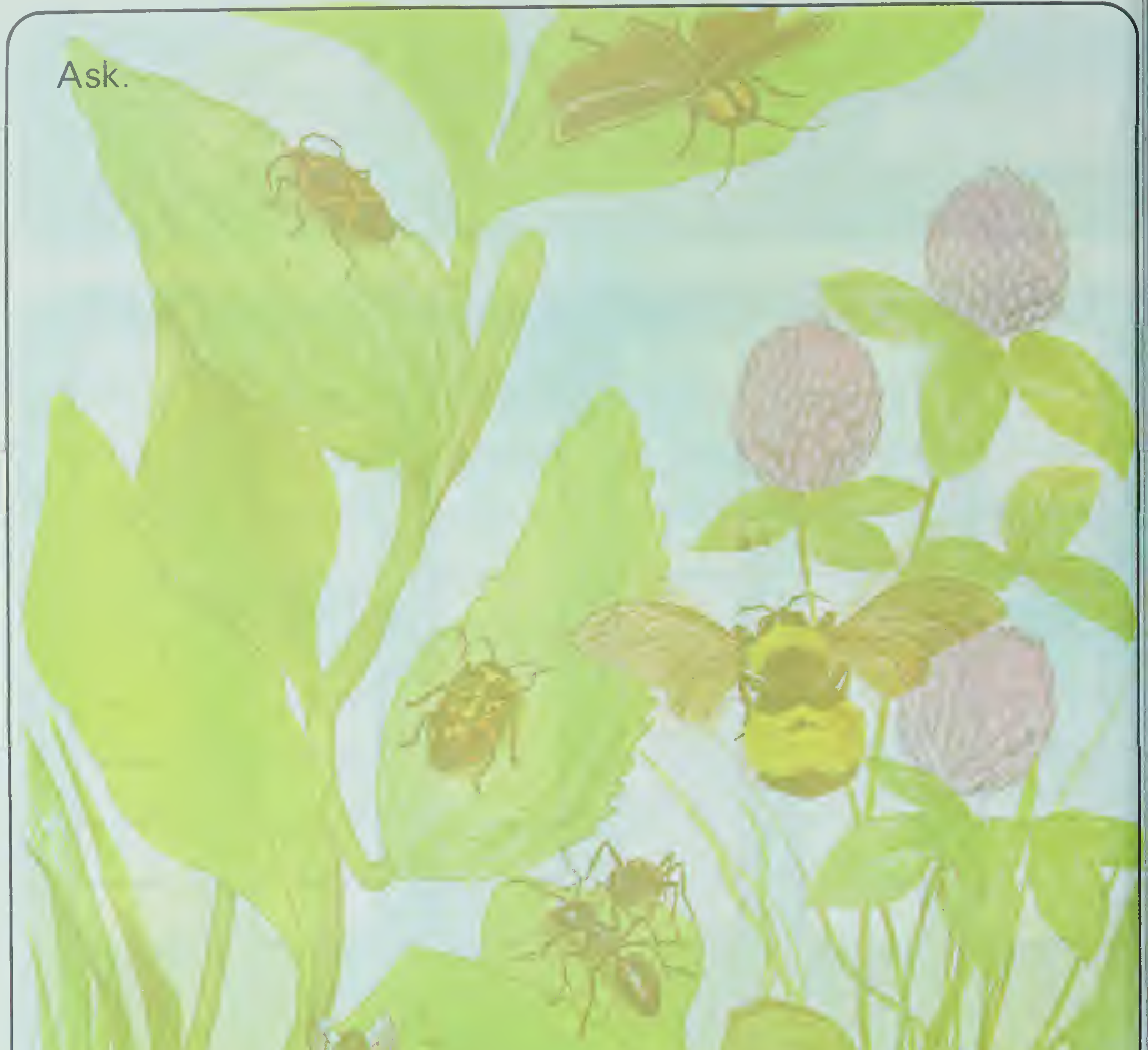


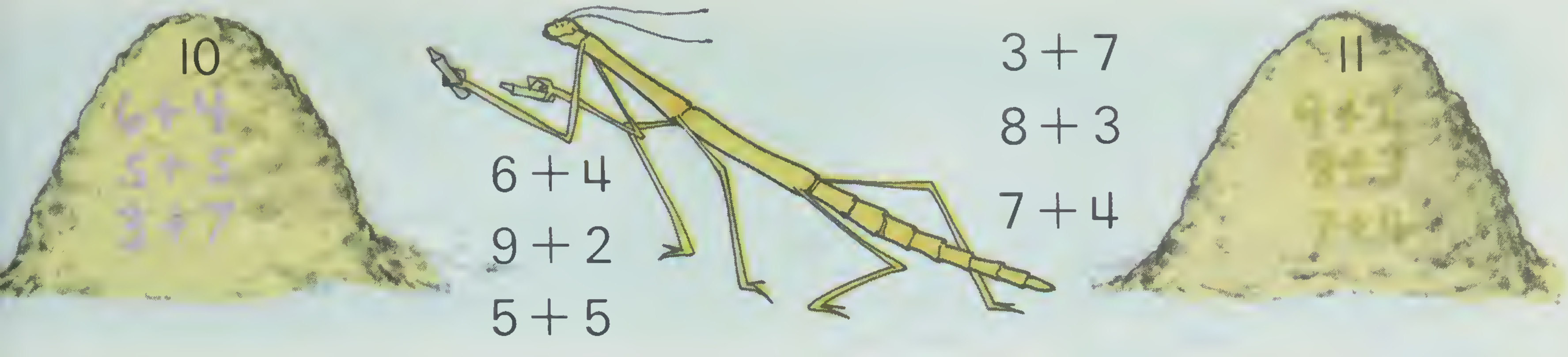
$\frac{8}{10}$



$\frac{4}{10}$

Ask.

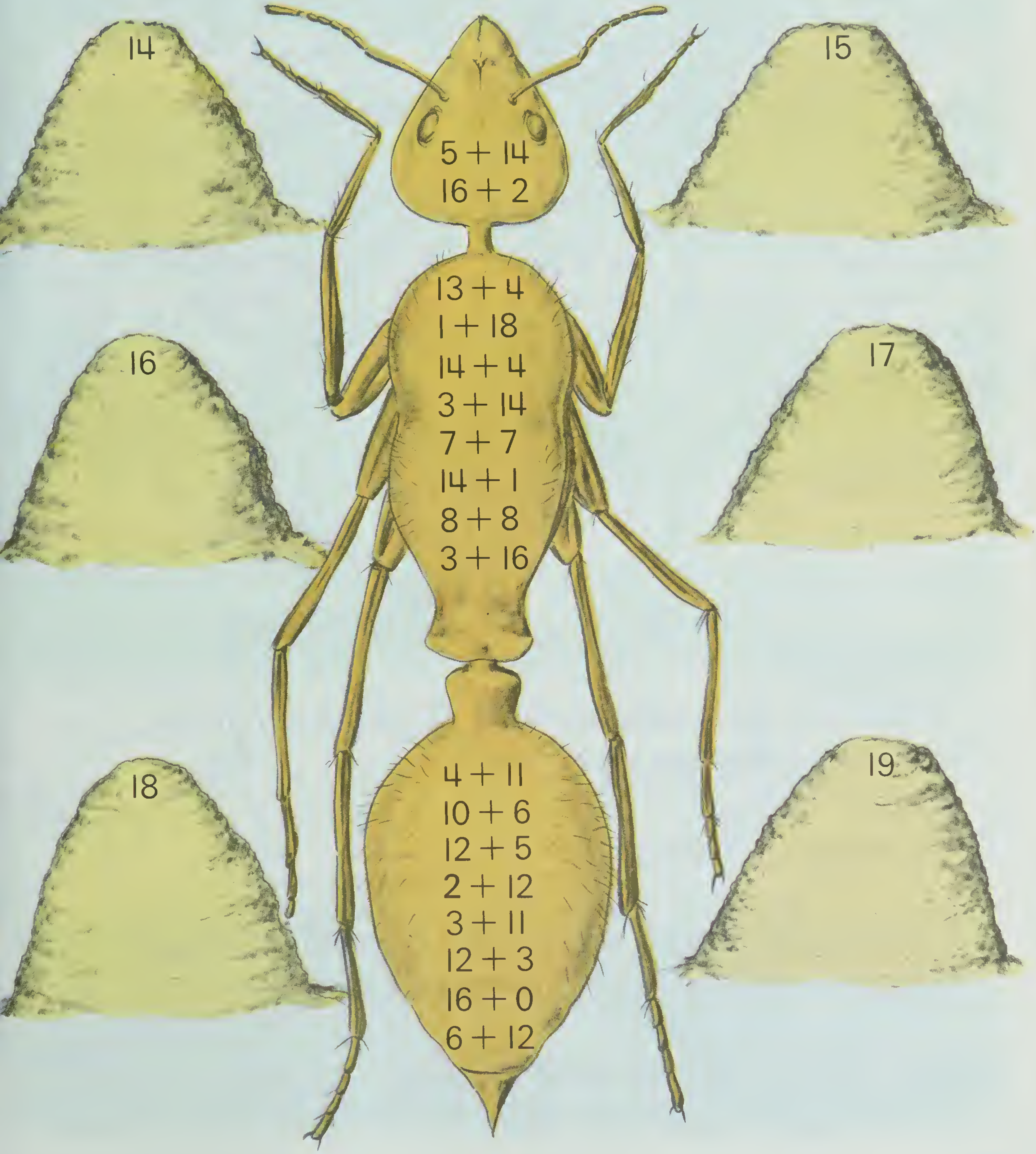



10
6+4
5+5
3+7
11
9+2
8+3
7+4

6 + 4
9 + 2
5 + 5

3 + 7
8 + 3
7 + 4

Sort the numbers and fill the ant hills.


14
15
16
17
18
19

5 + 14
16 + 2

13 + 4
1 + 18
14 + 4
3 + 14
7 + 7
14 + 1
8 + 8
3 + 16

4 + 11
10 + 6
12 + 5
2 + 12
3 + 11
12 + 3
16 + 0
6 + 12

$e + 14 = 19$
$e = \underline{5}$

$17 - h = 9$
$h = \underline{8}$

Solve.

$k + 2 = 15$
$k = \underline{\quad\quad}$

$18 + a = 19$
$a = \underline{\quad\quad}$

$14 - q = 6$
$q = \underline{\quad\quad}$

carpenter ants

$16 - d = 2$
$d = \underline{\quad\quad}$

$c + 16 = 18$
$c = \underline{\quad\quad}$

$g + 12 = 17$
$g = \underline{\quad\quad}$

Pharaoh's ants

$19 - r = 12$
$r = \underline{\quad\quad}$

$w + 13 = 17$
$w = \underline{\quad\quad}$

$16 - p = 10$
$p = \underline{\quad\quad}$

fire ants

19 ants are out looking for food. 12 ants return home.
How many ants are left?

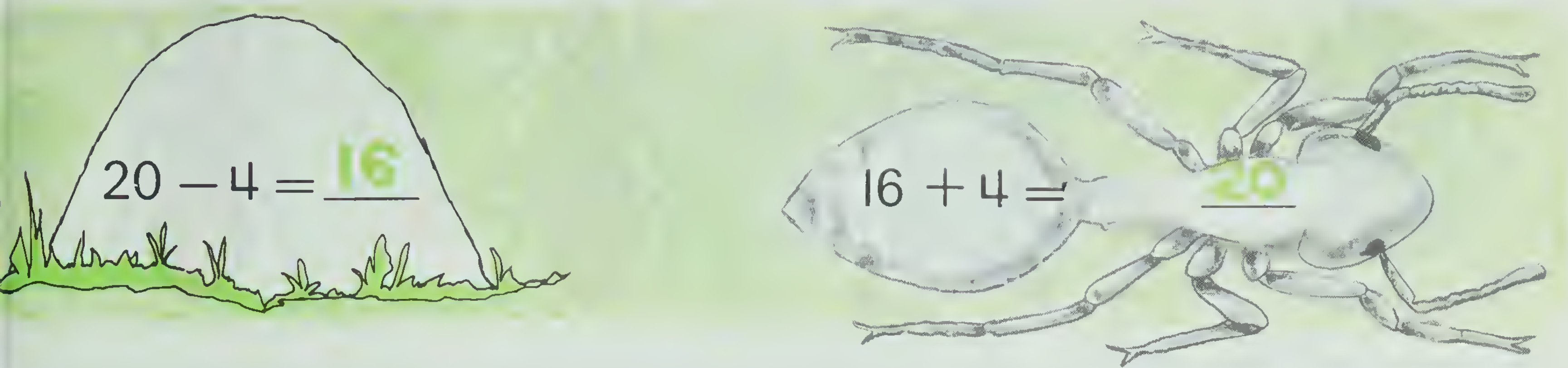
____

There are ____ ants left.

9 ants are building a nest. 7 more come to help them.
How many ants are building the nest?

____

There are ____ ants building the nest.

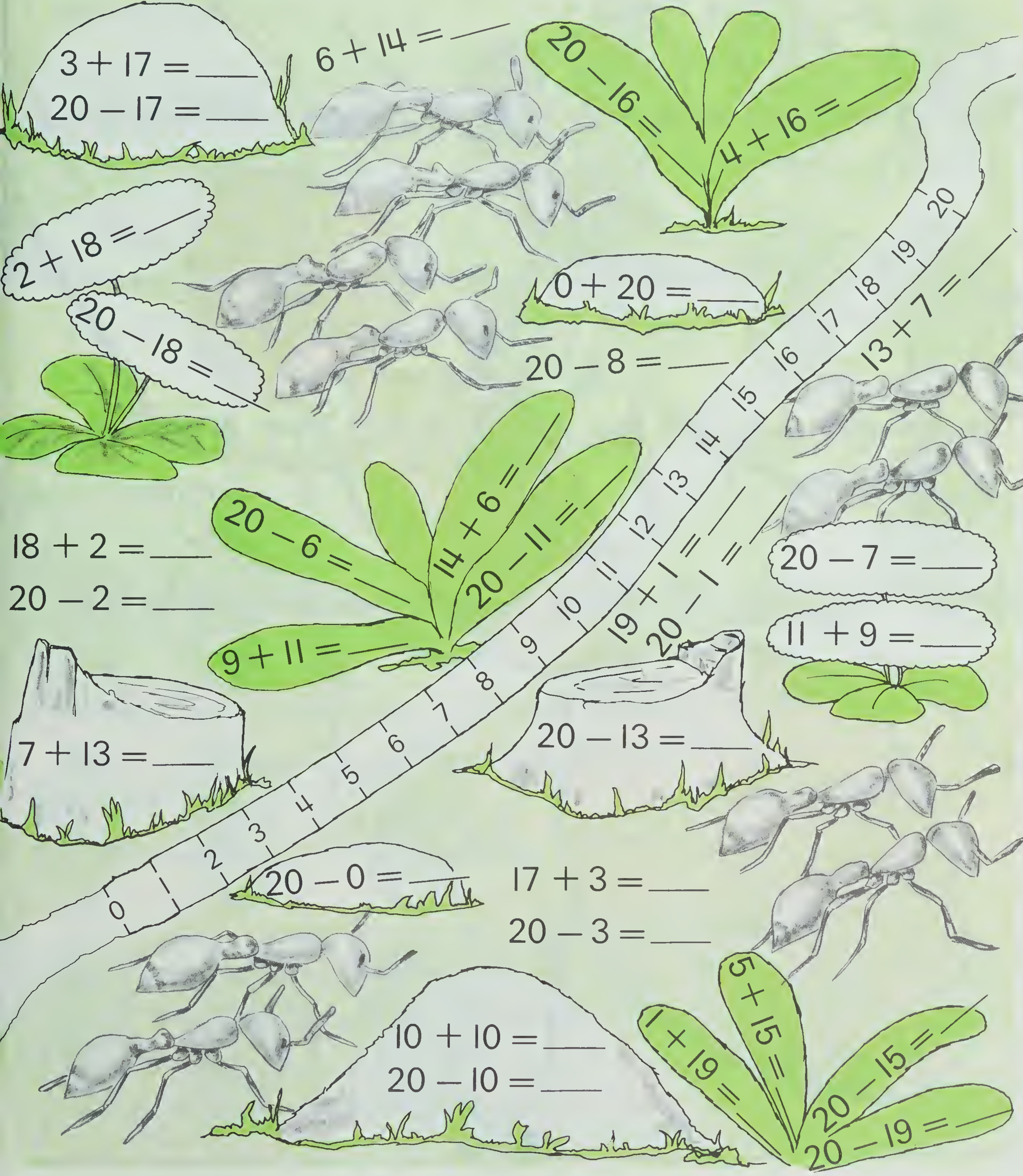


20 − 4 = 16

16 + 4 = 20

Explore the ants' world.

___ w ___ ___ ___ y


0
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

3 + 17 = ____

20 − 17 = ____

6 + 14 = ____

20 − 16 = ____

4 + 16 = ____

2 + 18 = ____

20 − 18 = ____

0 + 20 = ____

20 − 8 = ____

13 + 7 = ____

14 + 6 = ____

20 − 11 = ____

20 − 6 = ____

9 + 11 = ____

18 + 2 = ____

20 − 2 = ____

19 + 1 = ____

20 − 1 = ____

20 − 7 = ____

11 + 9 = ____

7 + 13 = ____

20 − 13 = ____

20 − 0 = ____

17 + 3 = ____

20 − 3 = ____

10 + 10 = ____

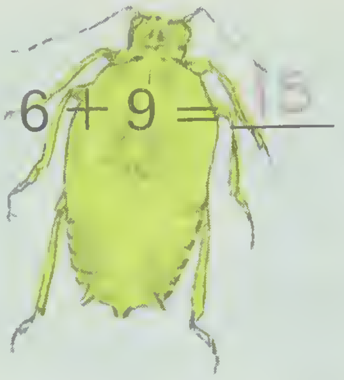
20 − 10 = ____

5 + 15 = ____

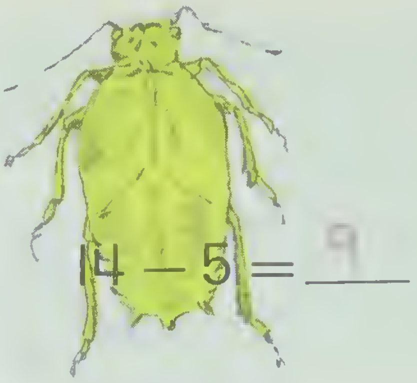
1 + 19 = ____

20 − 15 = ____

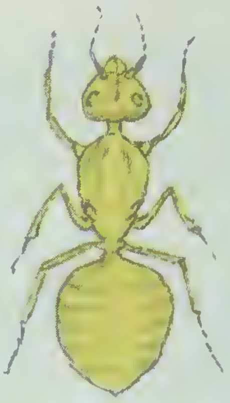
20 − 19 = ____



6 + 9 = 15

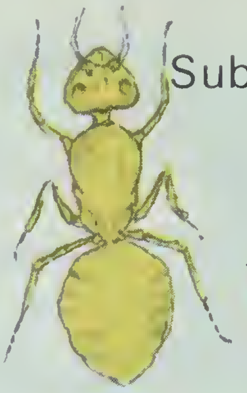


14 − 5 = 9



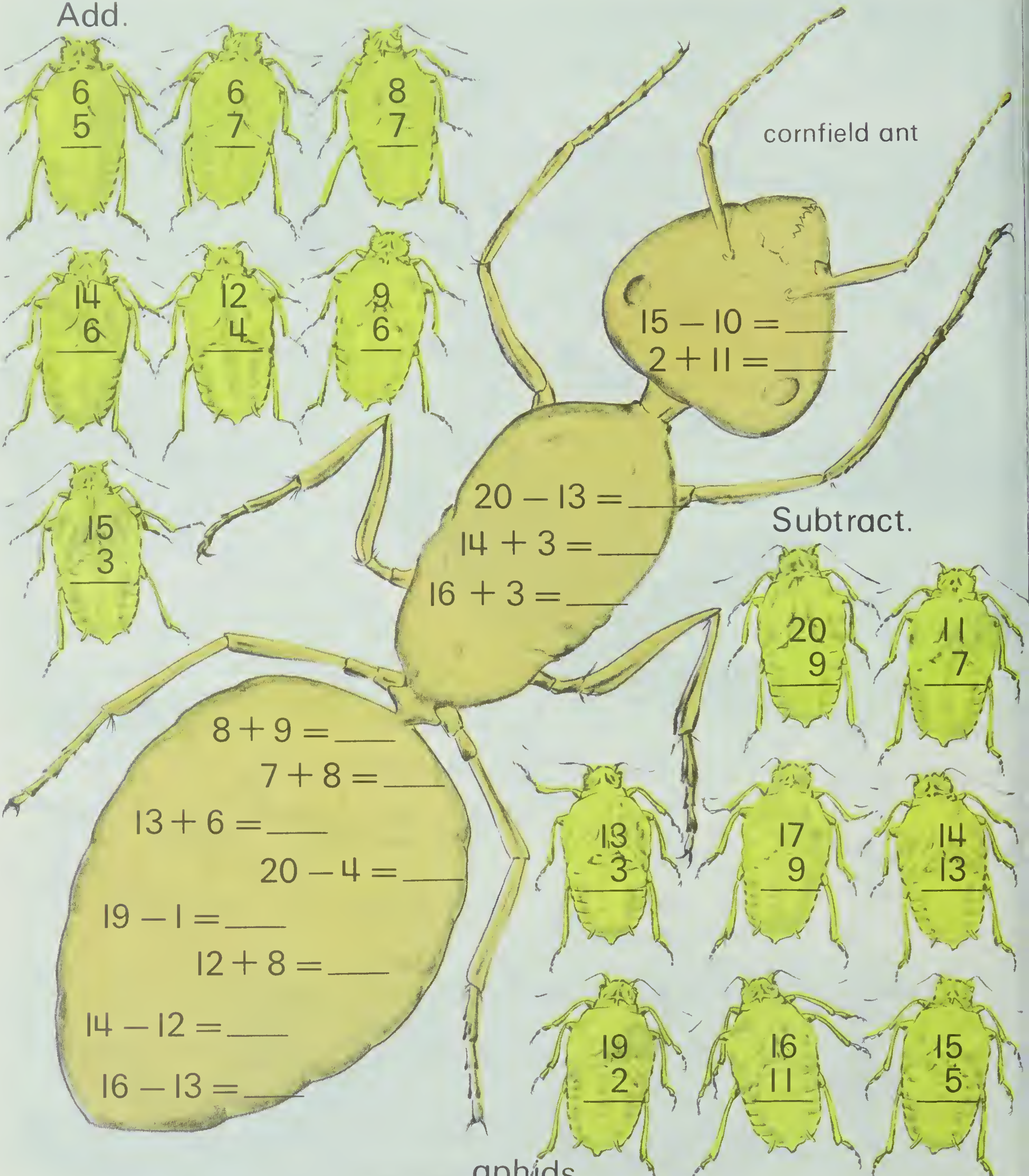
Add.

$\begin{array}{r}6\\7\\\hline 13\end{array}$



Subtract

$\begin{array}{r}19\\6\\\hline 13\end{array}$



Add.

$\begin{array}{r}6\\5\\\hline\end{array}$ $\begin{array}{r}6\\7\\\hline\end{array}$ $\begin{array}{r}8\\7\\\hline\end{array}$

$\begin{array}{r}14\\6\\\hline\end{array}$ $\begin{array}{r}12\\4\\\hline\end{array}$ $\begin{array}{r}9\\6\\\hline\end{array}$

$\begin{array}{r}15\\3\\\hline\end{array}$

cornfield ant

15 − 10 = ____

2 + 11 = ____

20 − 13 = ____

14 + 3 = ____

16 + 3 = ____

8 + 9 = ____

7 + 8 = ____

13 + 6 = ____

20 − 4 = ____

19 − 1 = ____

12 + 8 = ____

14 − 12 = ____

16 − 13 = ____

Subtract.

$\begin{array}{r}20\\9\\\hline\end{array}$ $\begin{array}{r}11\\7\\\hline\end{array}$

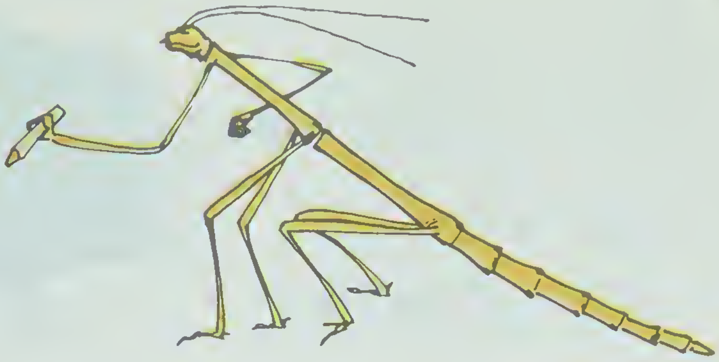
$\begin{array}{r}13\\3\\\hline\end{array}$ $\begin{array}{r}17\\9\\\hline\end{array}$ $\begin{array}{r}14\\13\\\hline\end{array}$

$\begin{array}{r}19\\2\\\hline\end{array}$ $\begin{array}{r}16\\11\\\hline\end{array}$ $\begin{array}{r}15\\5\\\hline\end{array}$

aphids

10 + (3 + 3) = 10 + 6

= 16



Add.

10 + (1 + 0) = 10 + ___

= ___

10 + (3 + 2) = 10 + ___

= ___

10 + (2 + 7) = 10 + ___

= ___

10 + (5 + 5) = 10 + ___

= ___

10 + (6 + 2) = 10 + ___

= ___

10 + (1 + 9) = 10 + ___

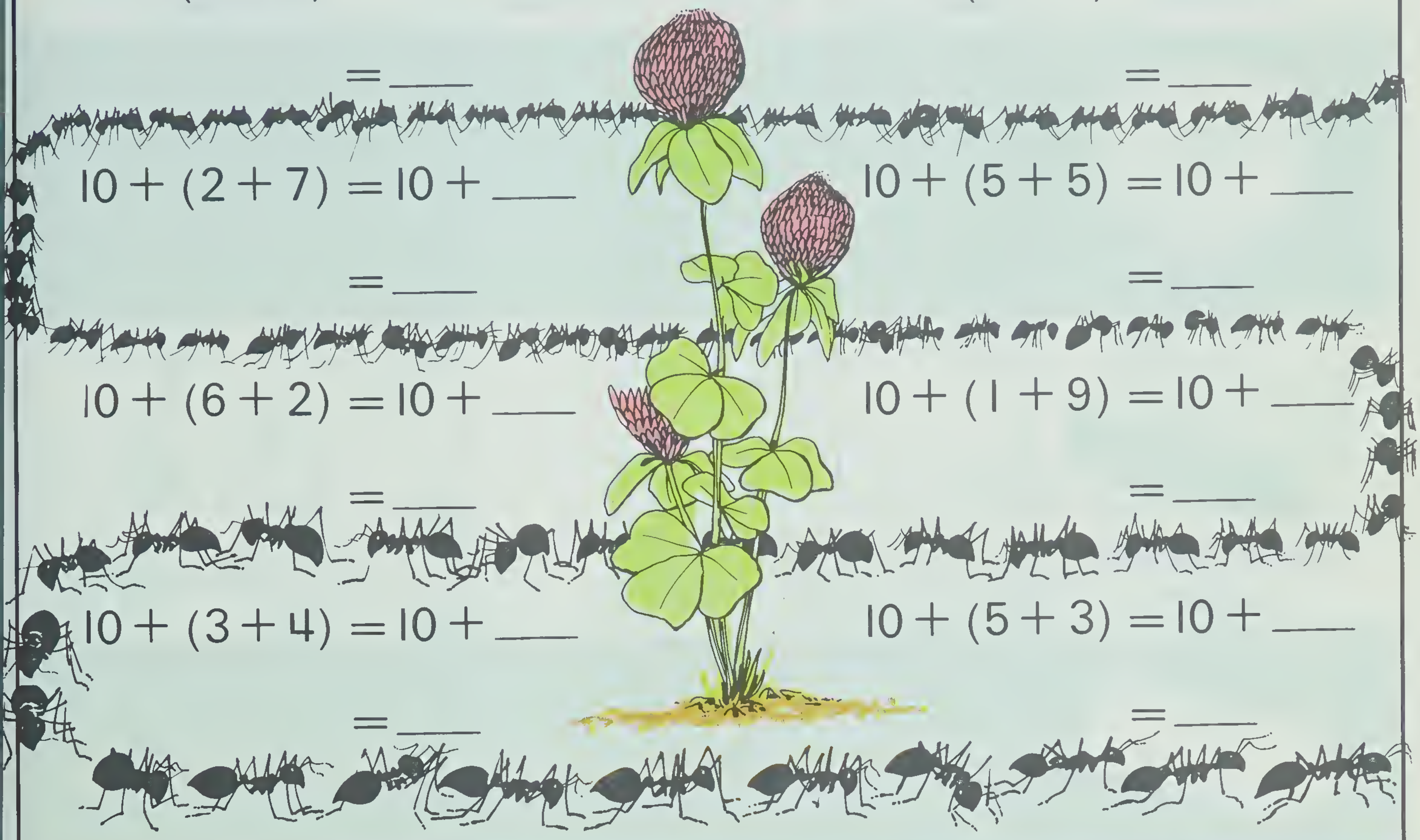
= ___

10 + (3 + 4) = 10 + ___

= ___

10 + (5 + 3) = 10 + ___

= ___



2 ants met 4 ants, then they met 10 ants.

How many ants were there altogether?

(___ + ___) + ___ = ___

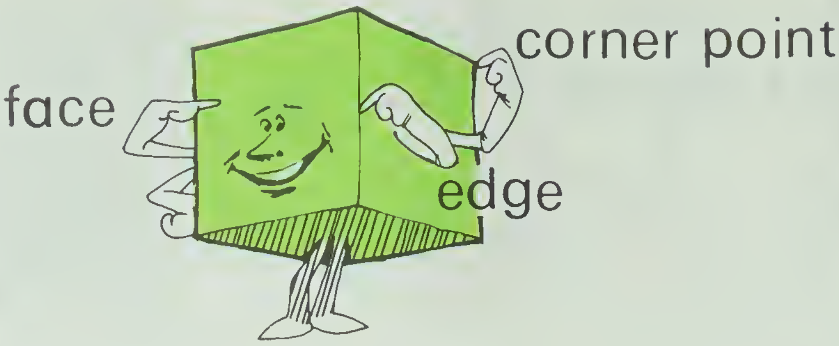
There were ___ ants altogether.

5 ants were gathering food. 2 ants joined them, then 9 more ants joined them.

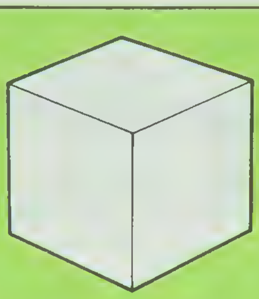
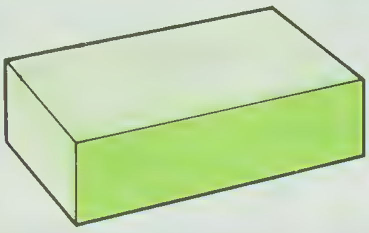
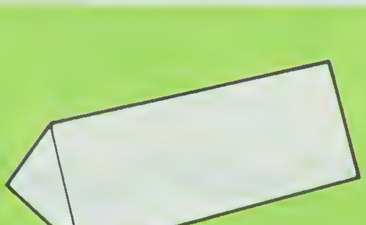
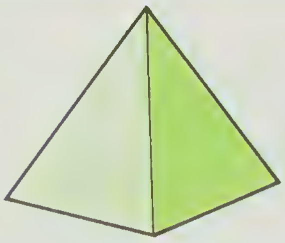
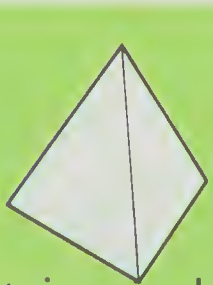
How many ants were gathering food?

(___ + ___) + ___ = ___

___ ants were gathering food.


face
corner point
edge

Complete.

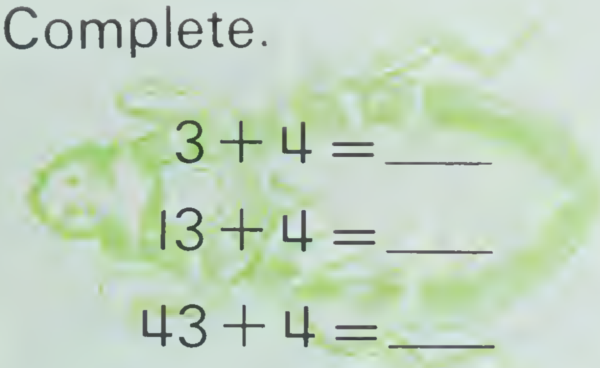
Model	Number of corner points	Number of edges	Number of faces	What shapes do you see?
 cube				
 rectangular prism				
 triangular prism				
 square pyramid				
 triangular pyramid				

2 + 3 = 5

32 + 3 = 35

62 + 3 = 65

Complete.

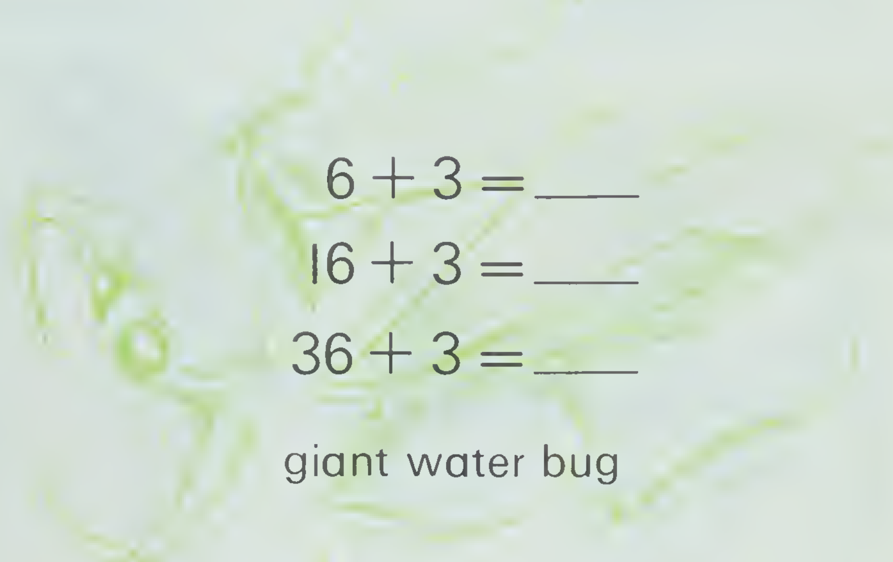


3 + 4 = ___

13 + 4 = ___

43 + 4 = ___

ambush bug

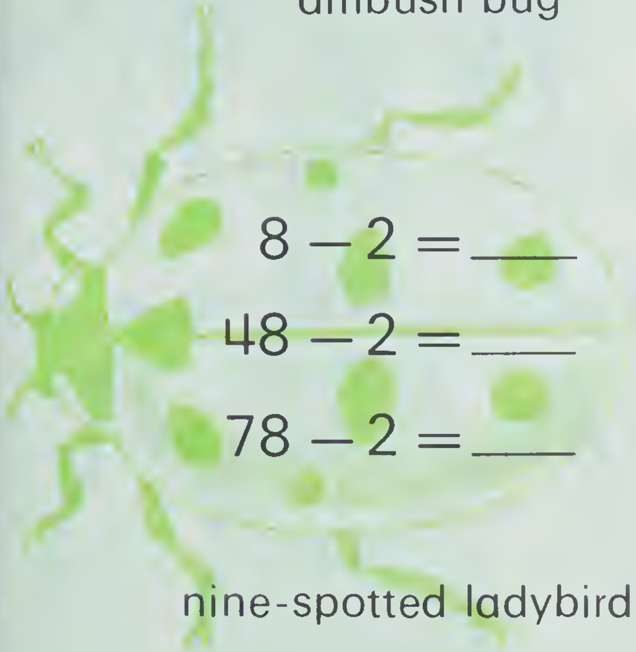


6 + 3 = ___

16 + 3 = ___

36 + 3 = ___

giant water bug

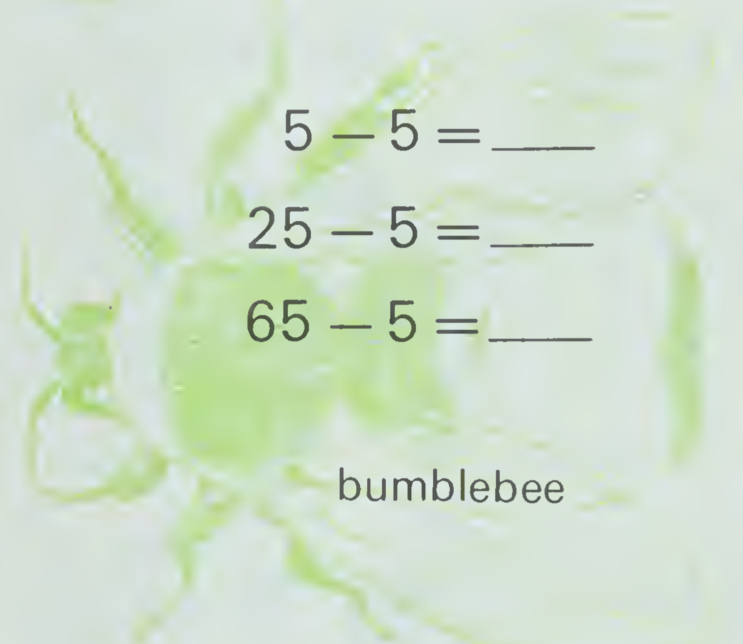


8 − 2 = ___

48 − 2 = ___

78 − 2 = ___

nine-spotted ladybird

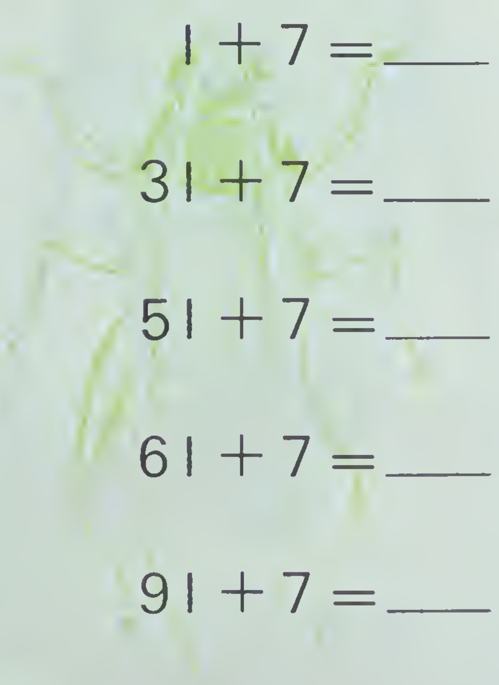


5 − 5 = ___

25 − 5 = ___

65 − 5 = ___

bumblebee



1 + 7 = ___

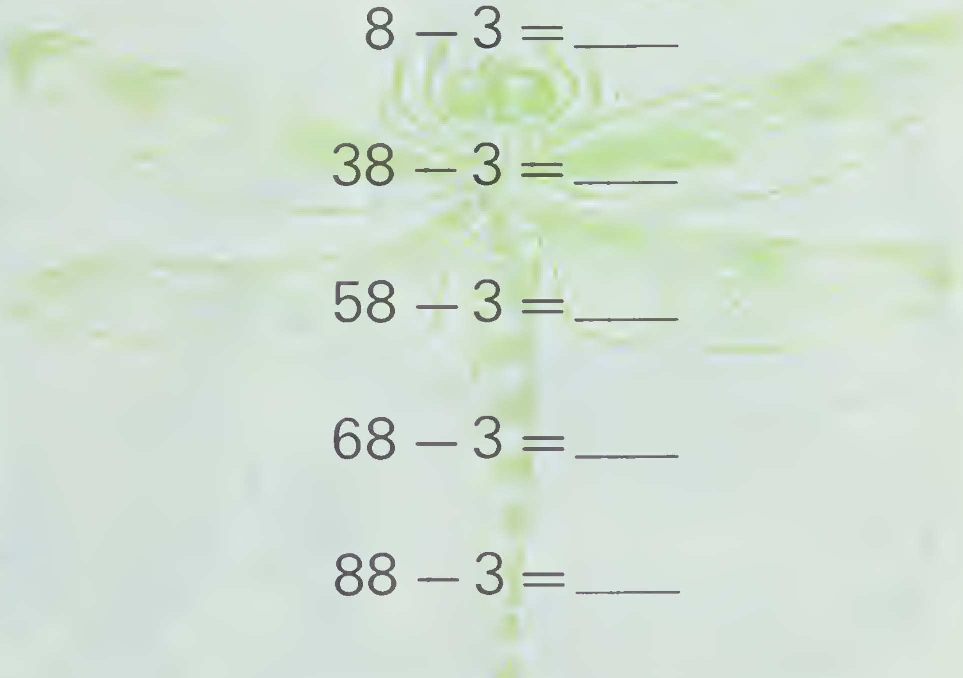
31 + 7 = ___

51 + 7 = ___

61 + 7 = ___

91 + 7 = ___

field cricket



8 − 3 = ___

38 − 3 = ___

58 − 3 = ___

68 − 3 = ___

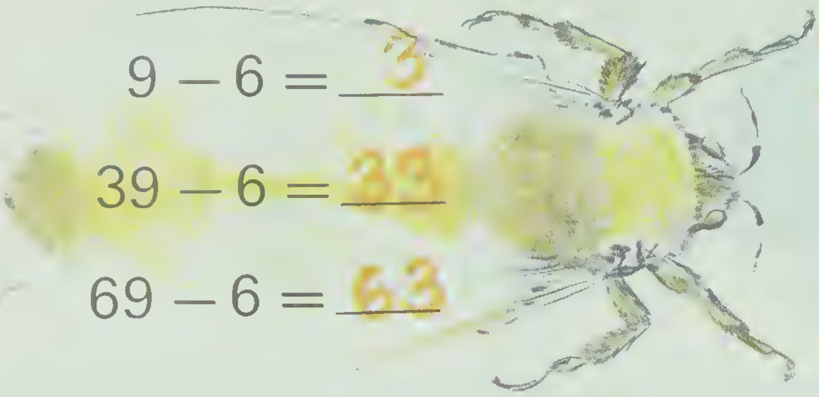
88 − 3 = ___

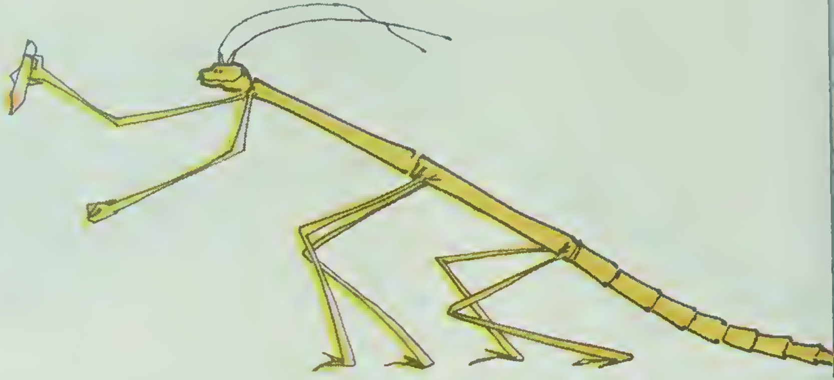
ten-spot dragonfly

9 − 6 = 3

39 − 6 = 33

69 − 6 = 63





Complete.

red-legged grasshopper

dog flea

2 + 0 = ___

32 + 0 = ___

92 + 0 = ___

9 − 5 = ___

19 − 5 = ___

59 − 5 = ___

7 − 2 = ___

37 − 2 = ___

87 − 2 = ___

4 + 5 = ___

44 + 5 = ___

64 + 5 = ___

4 − 3 = ___

34 − 3 = ___

84 − 3 = ___

2 + 3 = ___

42 + 3 = ___

62 + 3 = ___

6 − 0 = ___

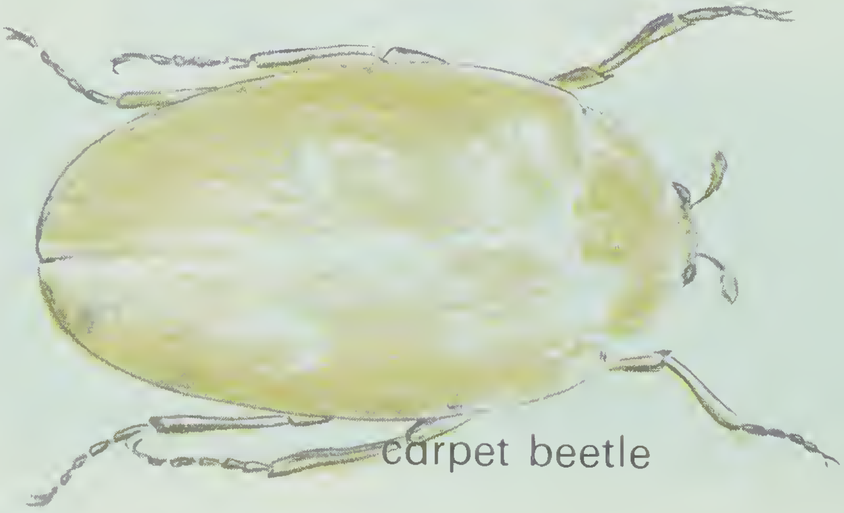
16 − 0 = ___

46 − 0 = ___

8 − 4 = ___

58 − 4 = ___

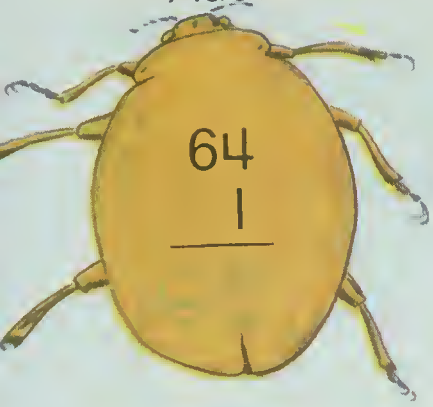
98 − 4 = ___

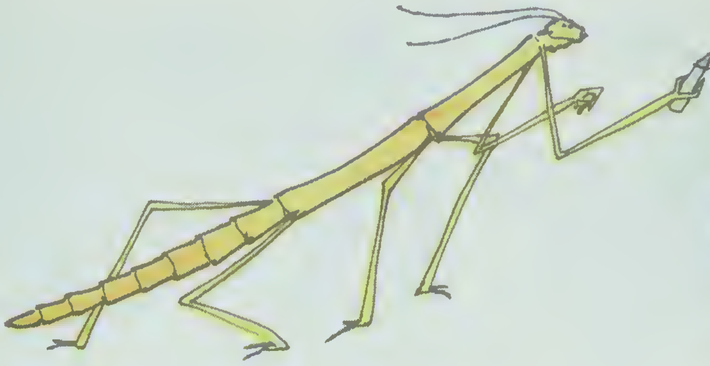


carpet beetle

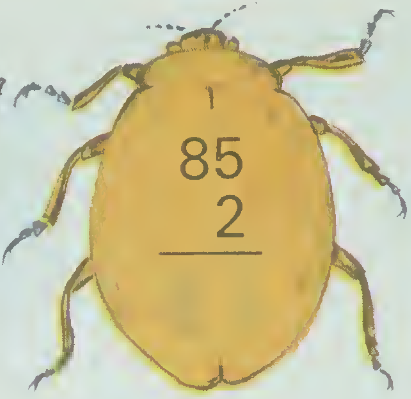
whirligig beetle

Add.

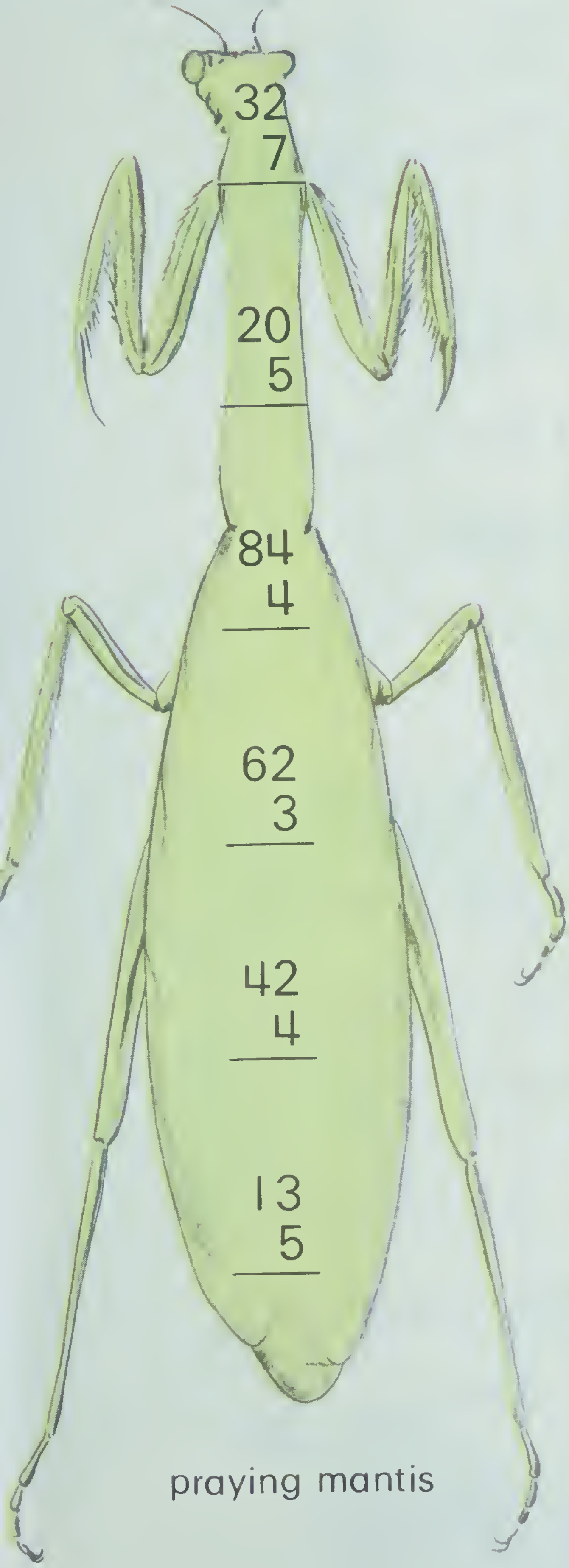




Subtract.

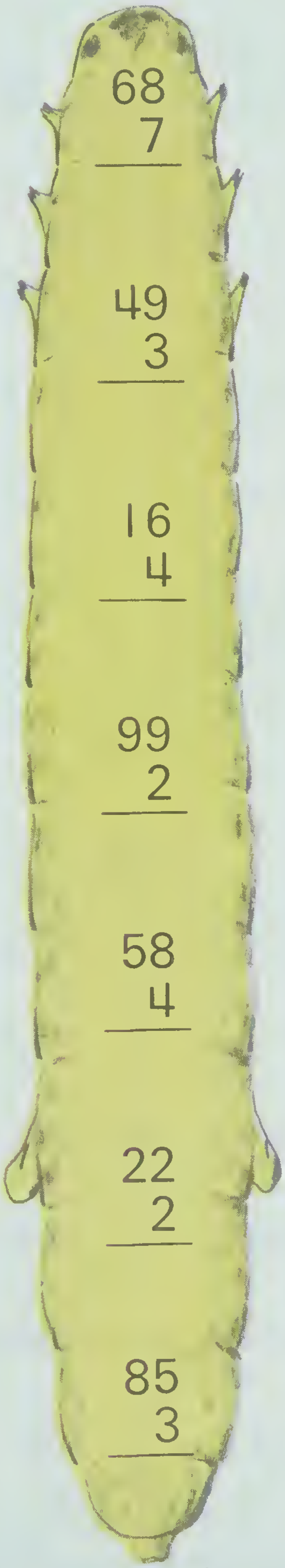


Add.


32
7
20
5
84
4
62
3
42
4
13
5

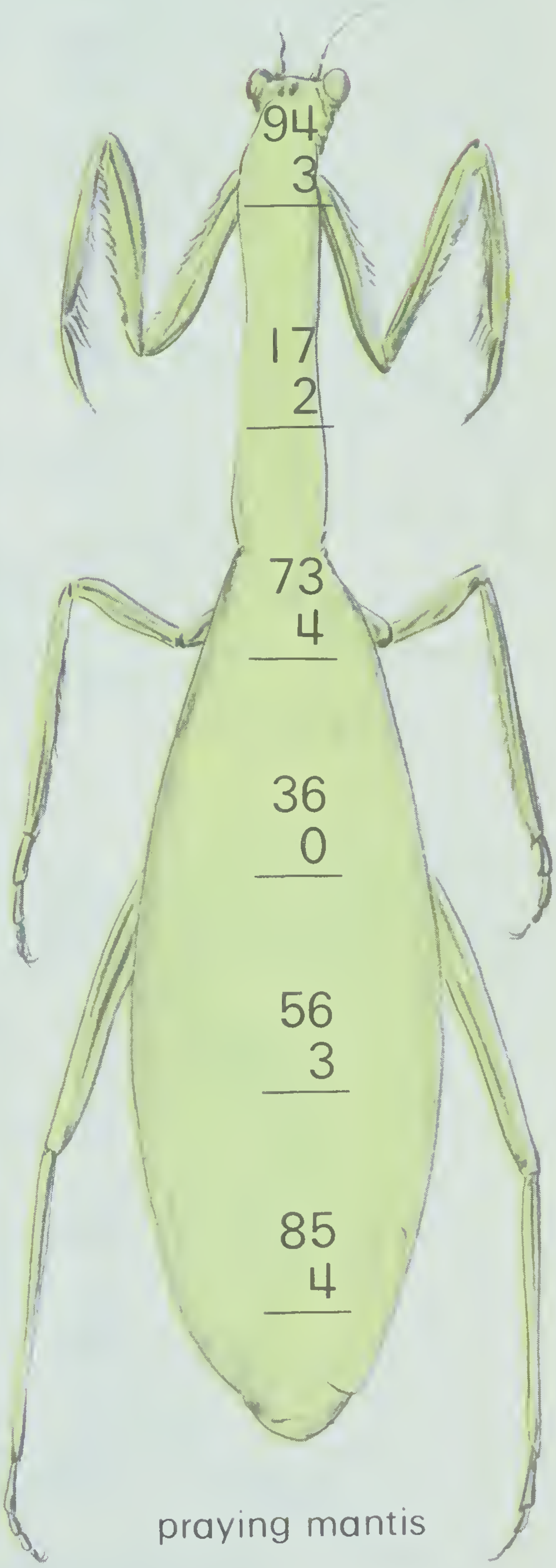
praying mantis

Subtract.

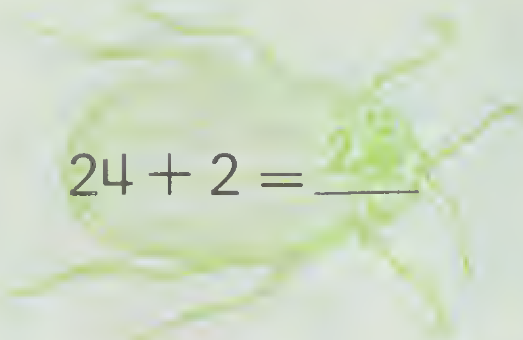

68
7
49
3
16
4
99
2
58
4
22
2
85
3

currant moth caterpillar

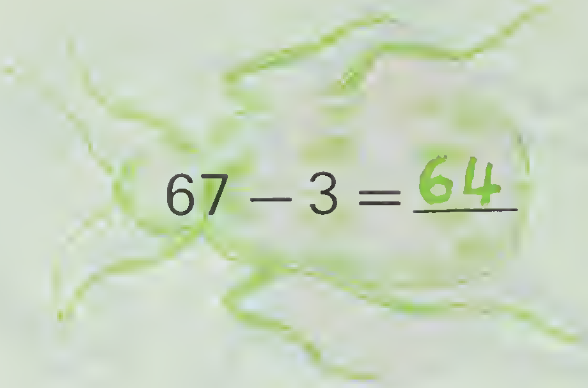
Add.


94
3
17
2
73
4
36
0
56
3
85
4

praying mantis

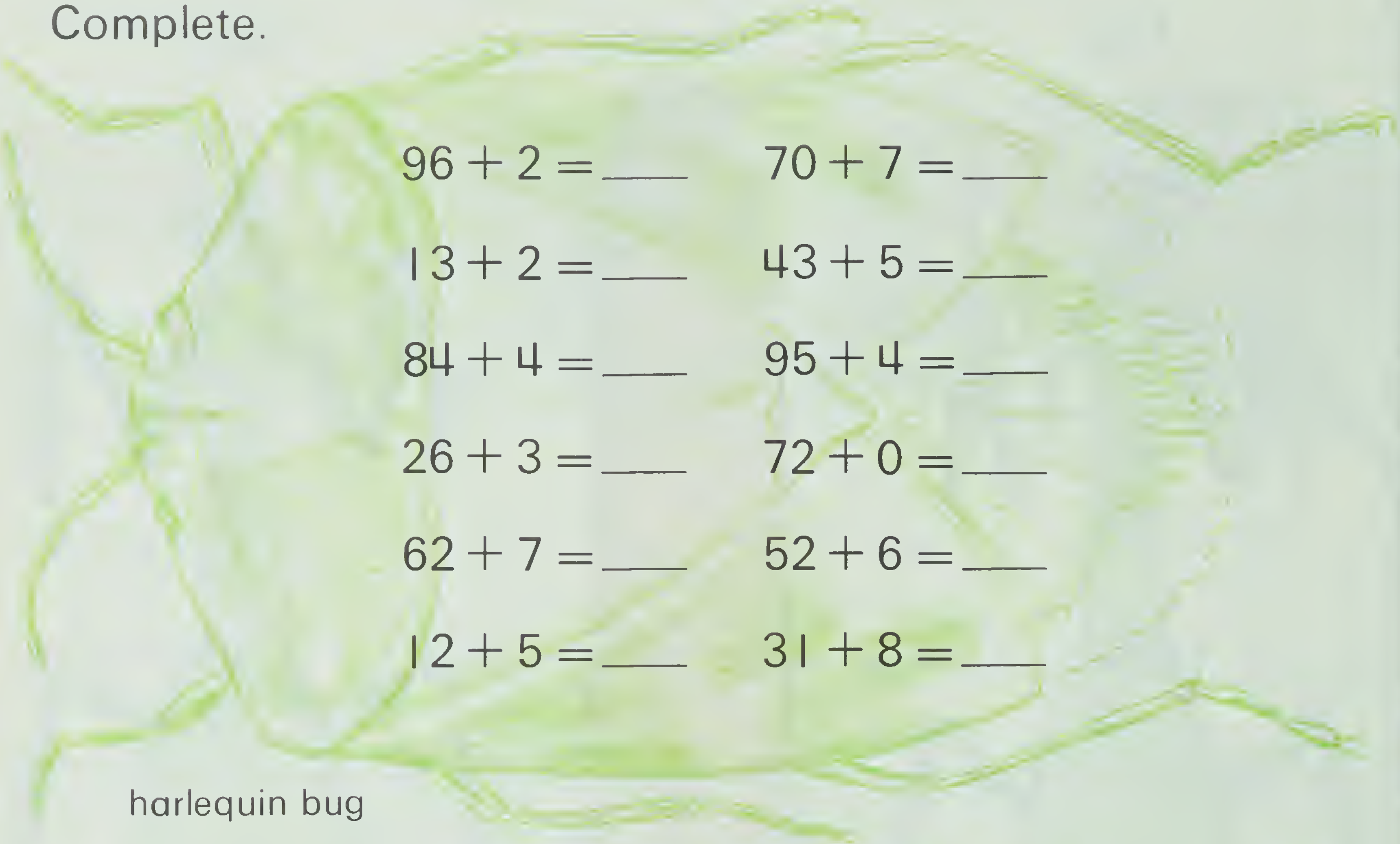


24 + 2 = 26



67 − 3 = 64

Complete.



96 + 2 = ___

13 + 2 = ___

84 + 4 = ___

26 + 3 = ___

62 + 7 = ___

12 + 5 = ___

70 + 7 = ___

43 + 5 = ___

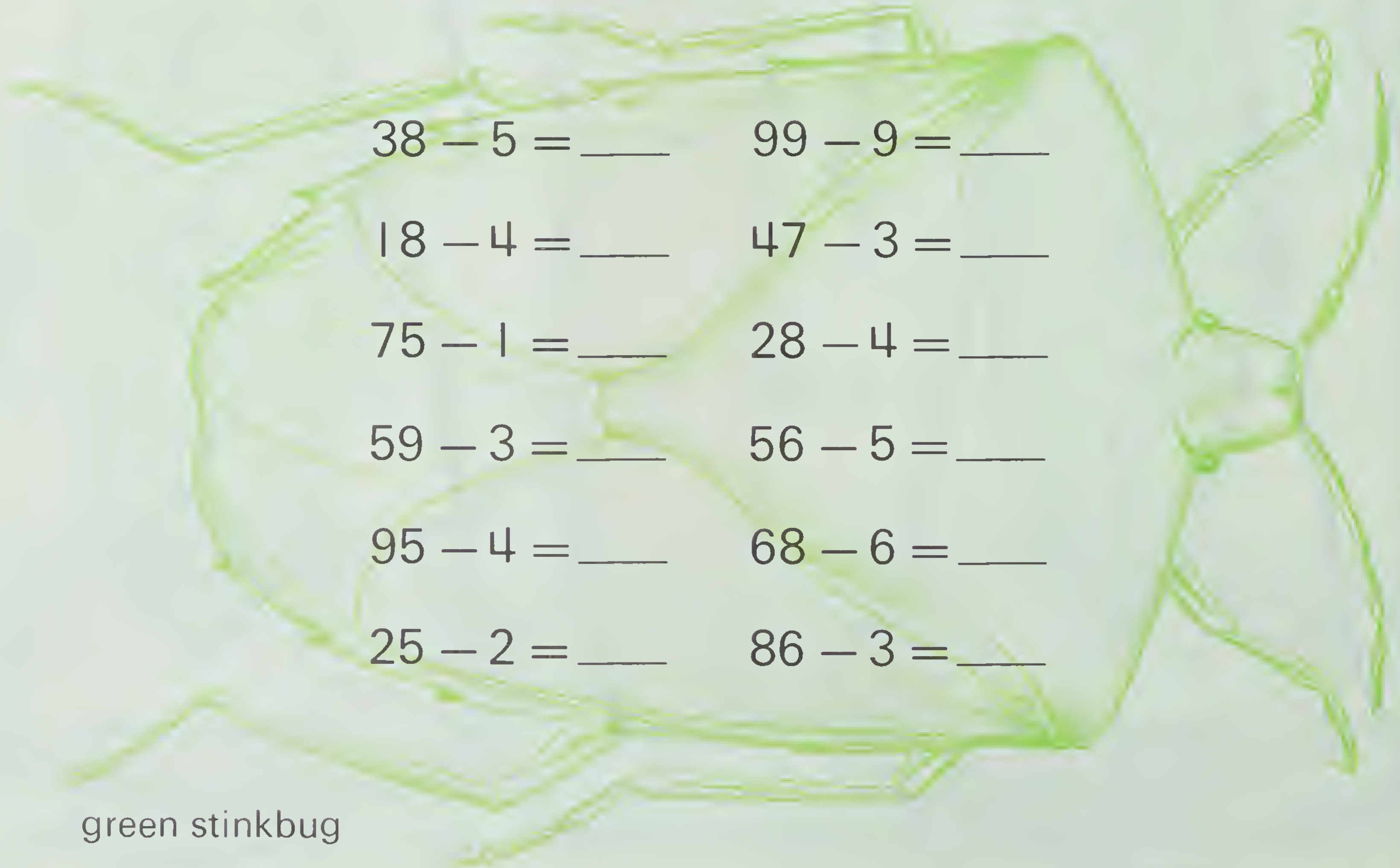
95 + 4 = ___

72 + 0 = ___

52 + 6 = ___

31 + 8 = ___

harlequin bug



38 − 5 = ___

18 − 4 = ___

75 − 1 = ___

59 − 3 = ___

95 − 4 = ___

25 − 2 = ___

99 − 9 = ___

47 − 3 = ___

28 − 4 = ___

56 − 5 = ___

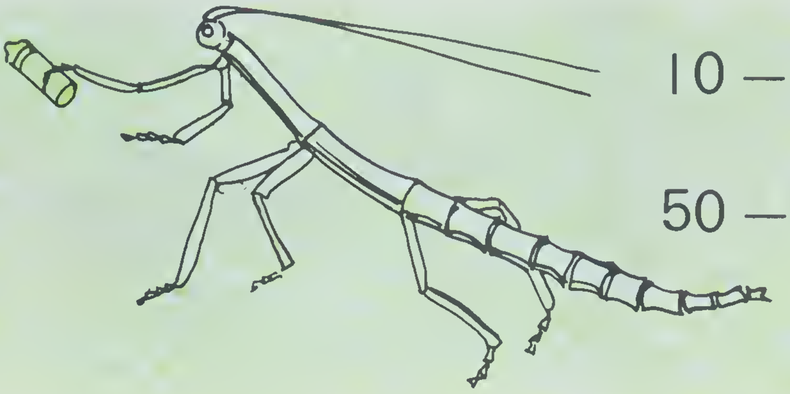
68 − 6 = ___

86 − 3 = ___

green stinkbug

$4 + 6 = \underline{10}$

$14 + 6 = \underline{20}$



$10 - 3 = \underline{7}$

$50 - 3 = \underline{47}$

Complete.

$2 + 8 =$ ____

$22 + 8 =$ ____

$62 + 8 =$ ____

$10 - 1 =$ ____

$60 - 1 =$ ____

$80 - 1 =$ ____

lacewing

Add.

$4 + 6 =$ ____

$34 + 6 =$ ____

$10 - 5 =$ ____

$50 - 5 =$ ____

$90 - 5 =$ ____

$$\begin{array}{r} 55 \\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ 2 \\ \hline \end{array}$$

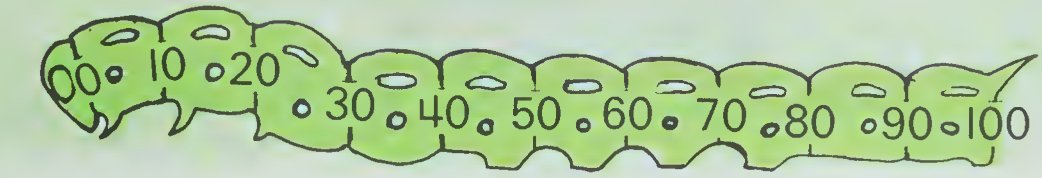
$6 + 4 =$ ____

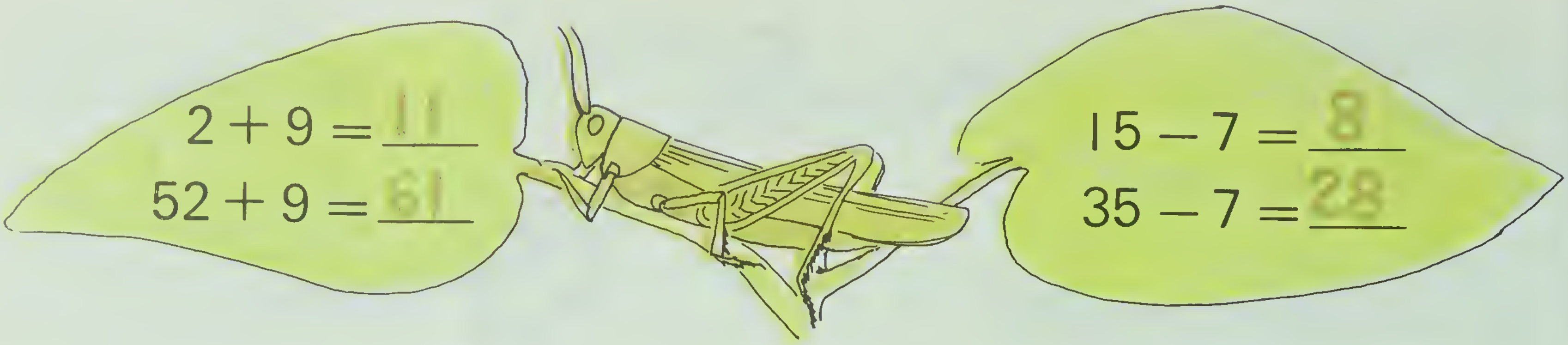
$36 + 4 =$ ____

$10 - 7 =$ ____

$50 - 7 =$ ____

$80 - 7 =$ ____

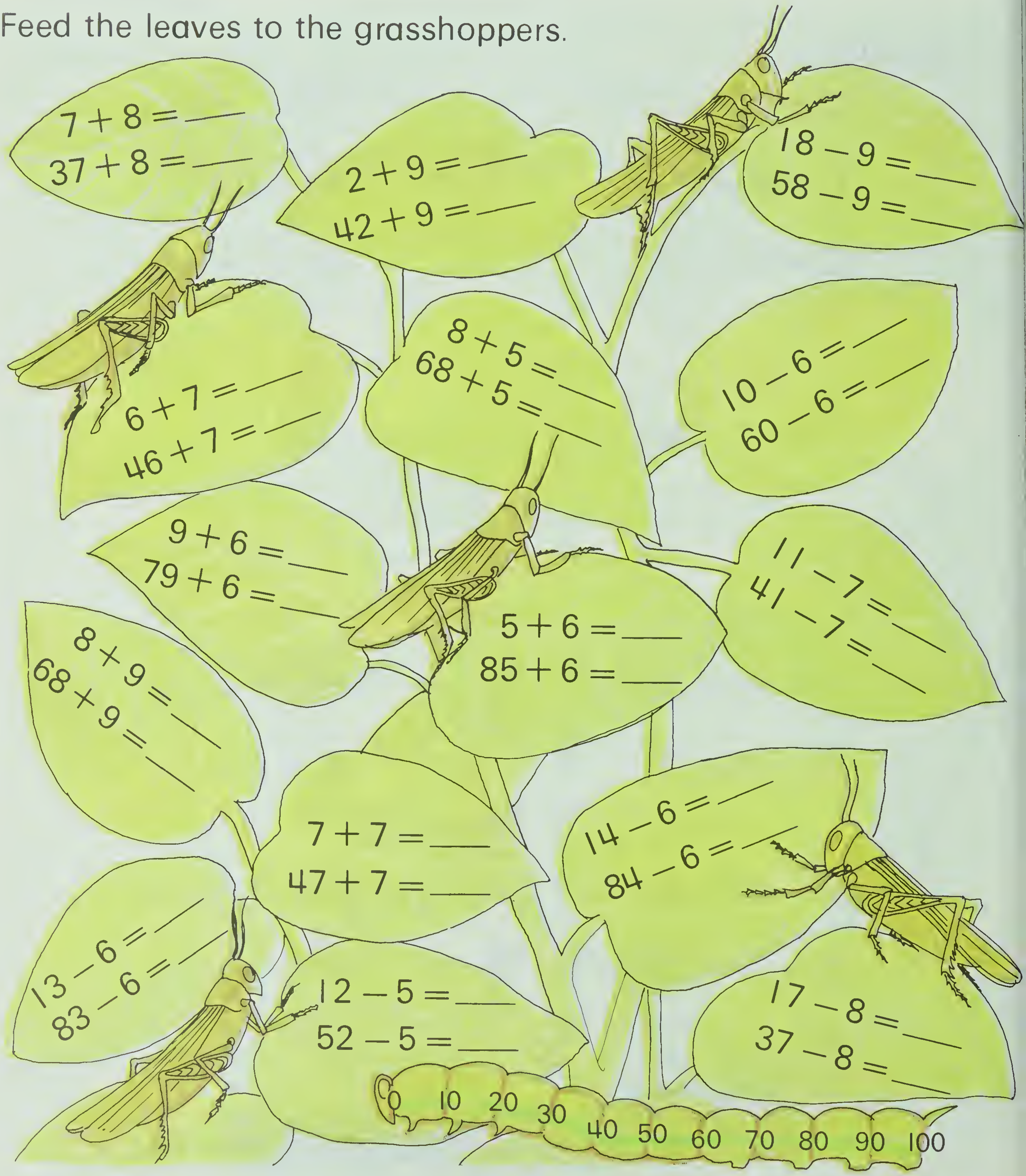




2 + 9 = 11
52 + 9 = 61

15 − 7 = 8
35 − 7 = 28

Feed the leaves to the grasshoppers.



7 + 8 = ___
37 + 8 = ___

2 + 9 = ___
42 + 9 = ___

18 − 9 = ___
58 − 9 = ___

6 + 7 = ___
46 + 7 = ___

8 + 5 = ___
68 + 5 = ___

10 − 6 = ___
60 − 6 = ___

9 + 6 = ___
79 + 6 = ___

5 + 6 = ___
85 + 6 = ___

11 − 7 = ___
41 − 7 = ___

8 + 9 = ___
68 + 9 = ___

7 + 7 = ___
47 + 7 = ___

14 − 6 = ___
84 − 6 = ___

13 − 6 = ___
83 − 6 = ___

12 − 5 = ___
52 − 5 = ___

17 − 8 = ___
37 − 8 = ___

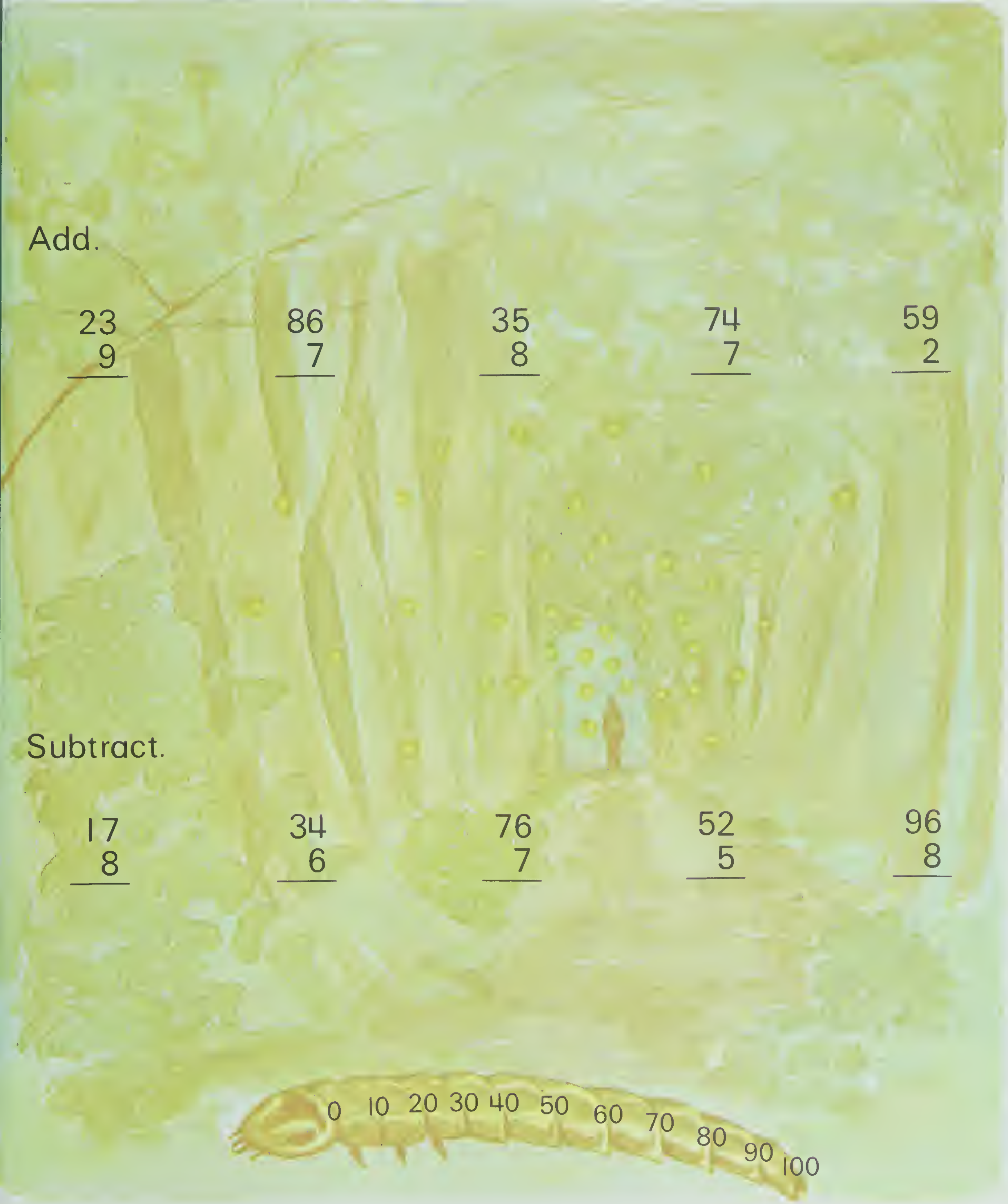
0 10 20 30 40 50 60 70 80 90 100

Add.

$$\begin{array}{r} 64 \\ 3 \\ \hline 67 \end{array}$$

Subtract.

$$\begin{array}{r} 92 \\ 8 \\ \hline 84 \end{array}$$

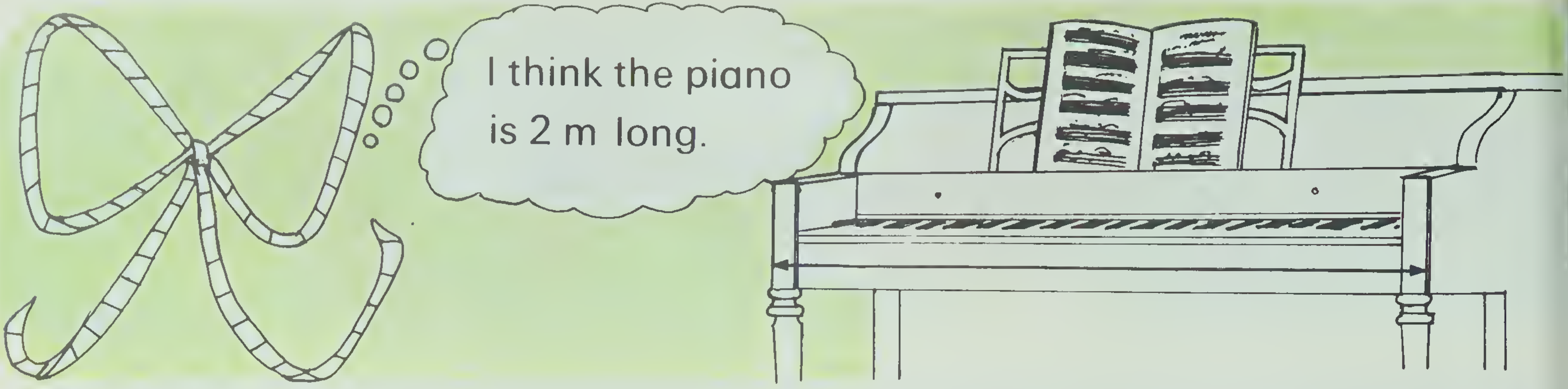


Add.

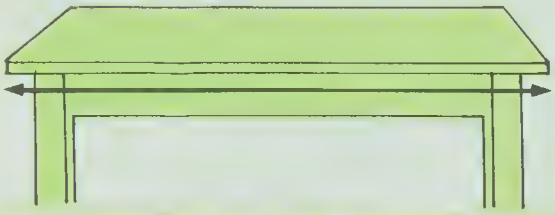
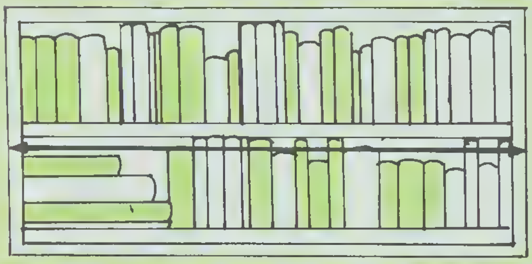
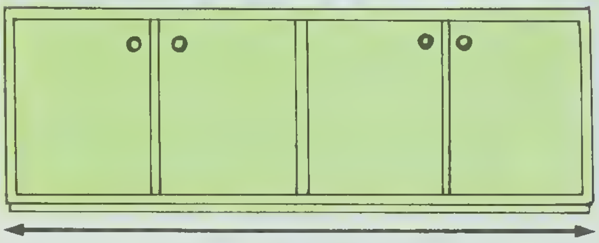
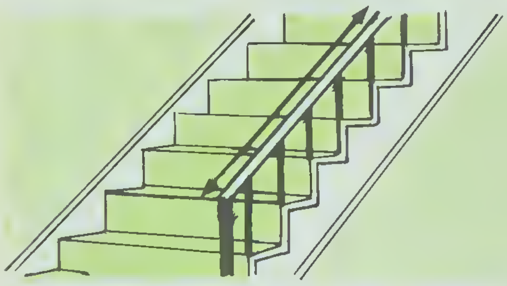
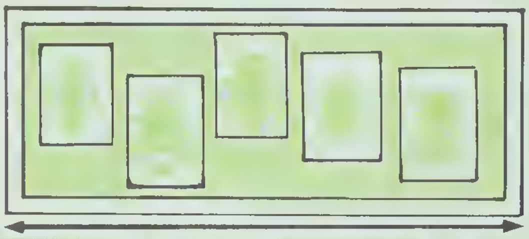
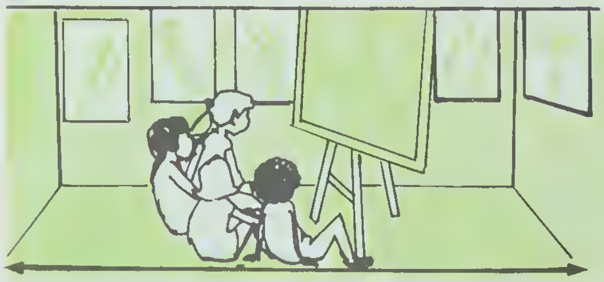
$$\begin{array}{r} 23 \\ 9 \\ \hline \end{array} \qquad \begin{array}{r} 86 \\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 35 \\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 74 \\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 59 \\ 2 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 17 \\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 34 \\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 76 \\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 52 \\ 5 \\ \hline \end{array} \qquad \begin{array}{r} 96 \\ 8 \\ \hline \end{array}$$


I think the piano is 2 m long.

Complete.

Object	How long do you think it is?	How long is it?
	____m	____m
	____m	____m
	____m	____m
	____m	____m
	____m	____m
	____m	____m
	____m	____m

6
2
1
9

(1 + 2) + 6 = 9

three, nine
seven, fourteen

3
4
7
14

(3 + 4) + 7 = 14

Add.

2
9
3

(2 + 9) + 3 = ___

4
6
9

(4 + 6) + 9 = ___

7
1
5

(7 + 1) + 5 = ___

2
7
8

(8 + 7) + 2 = ___

6
9
3

(3 + 9) + 6 = ___

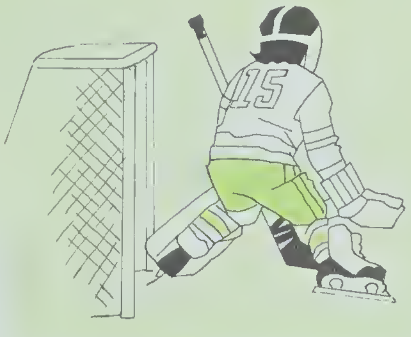
5
6
7

(7 + 6) + 5 = ___

11
2
5

(5 + 2) + 11 = ___

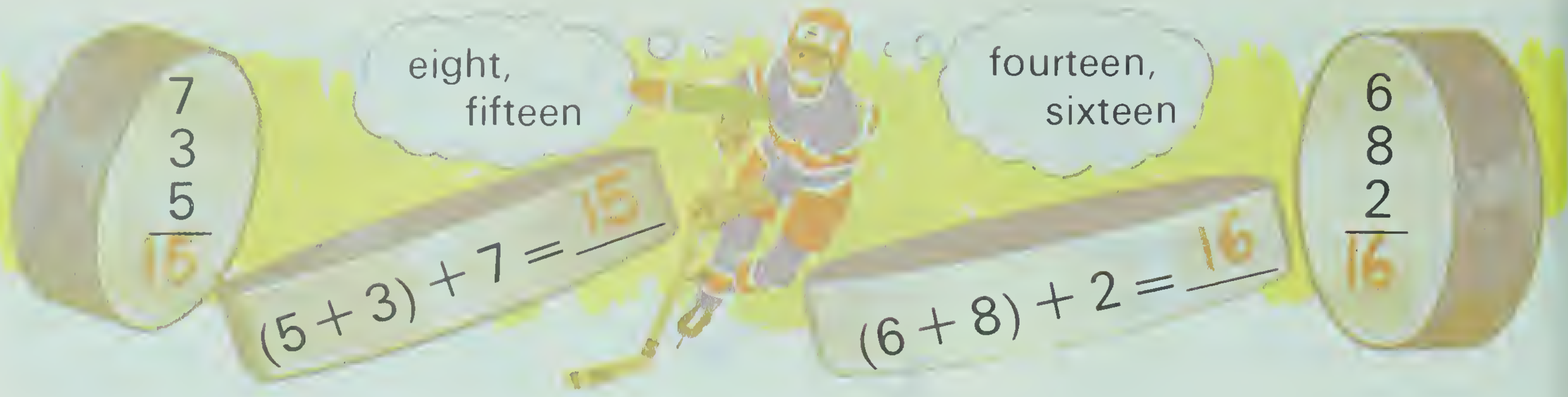
6
8
5



(6 + 8) + 5 = ___

6
9
5

(5 + 9) + 6 = ___



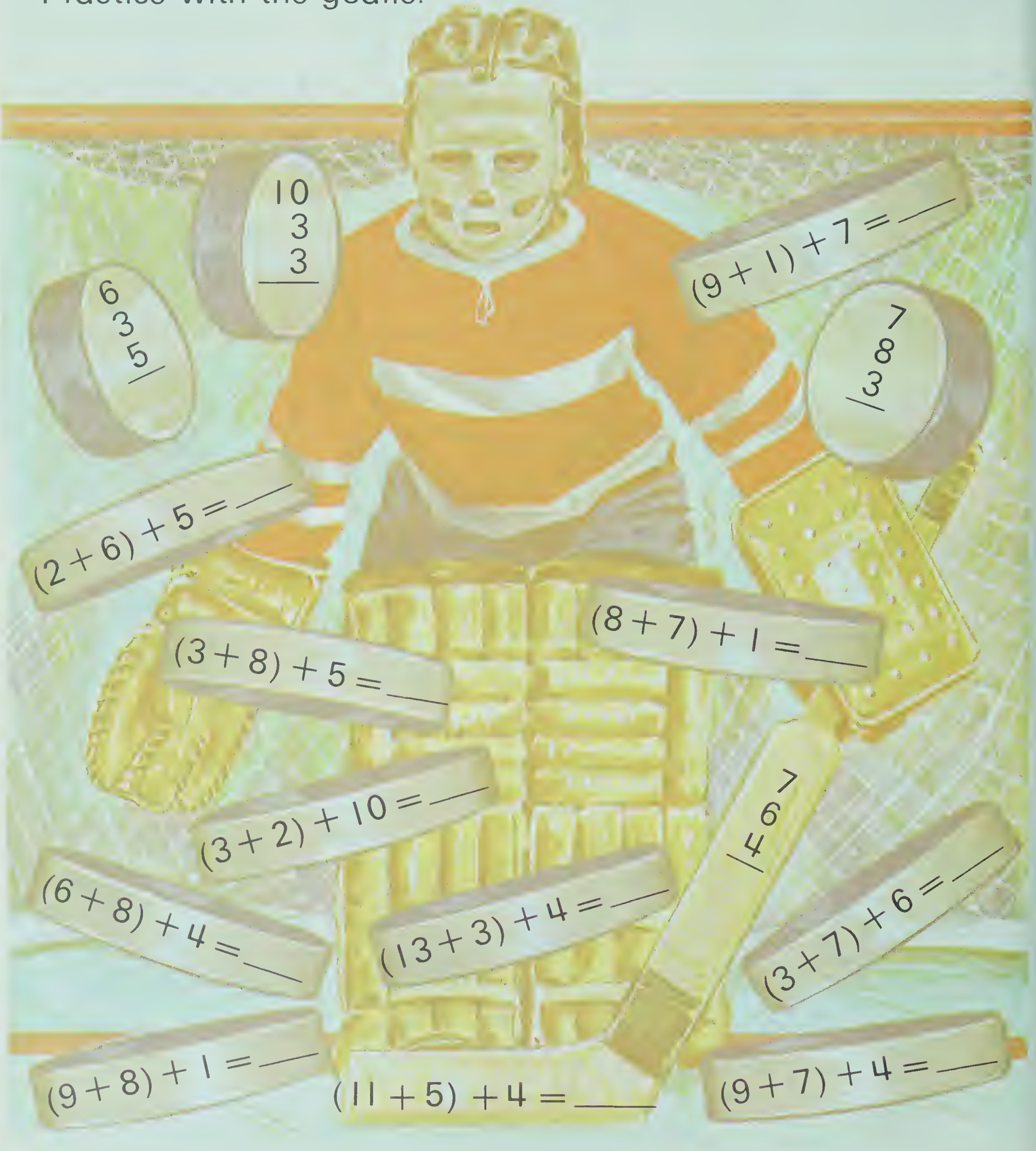
$$\begin{array}{r}7\\3\\5\\\hline 15\end{array}$$

$(5 + 3) + 7 = \underline{15}$

$(6 + 8) + 2 = \underline{16}$

$$\begin{array}{r}6\\8\\2\\\hline 16\end{array}$$

Practise with the goalie.



$$\begin{array}{r}10\\3\\3\\\hline \end{array}$$

$$\begin{array}{r}6\\3\\5\\\hline \end{array}$$

$(9 + 1) + 7 =$ ____

$$\begin{array}{r}7\\8\\3\\\hline \end{array}$$

$(2 + 6) + 5 =$ ____

$(3 + 8) + 5 =$ ____

$(8 + 7) + 1 =$ ____

$(3 + 2) + 10 =$ ____

$$\begin{array}{r}7\\6\\4\\\hline \end{array}$$

$(6 + 8) + 4 =$ ____

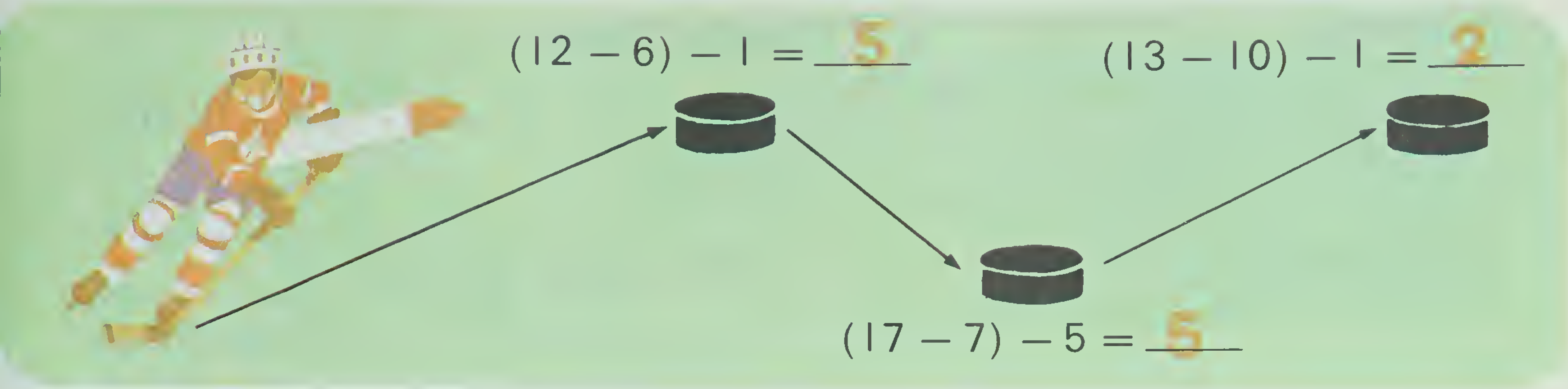
$(13 + 3) + 4 =$ ____

$(3 + 7) + 6 =$ ____

$(9 + 8) + 1 =$ ____

$(11 + 5) + 4 =$ ____

$(9 + 7) + 4 =$ ____

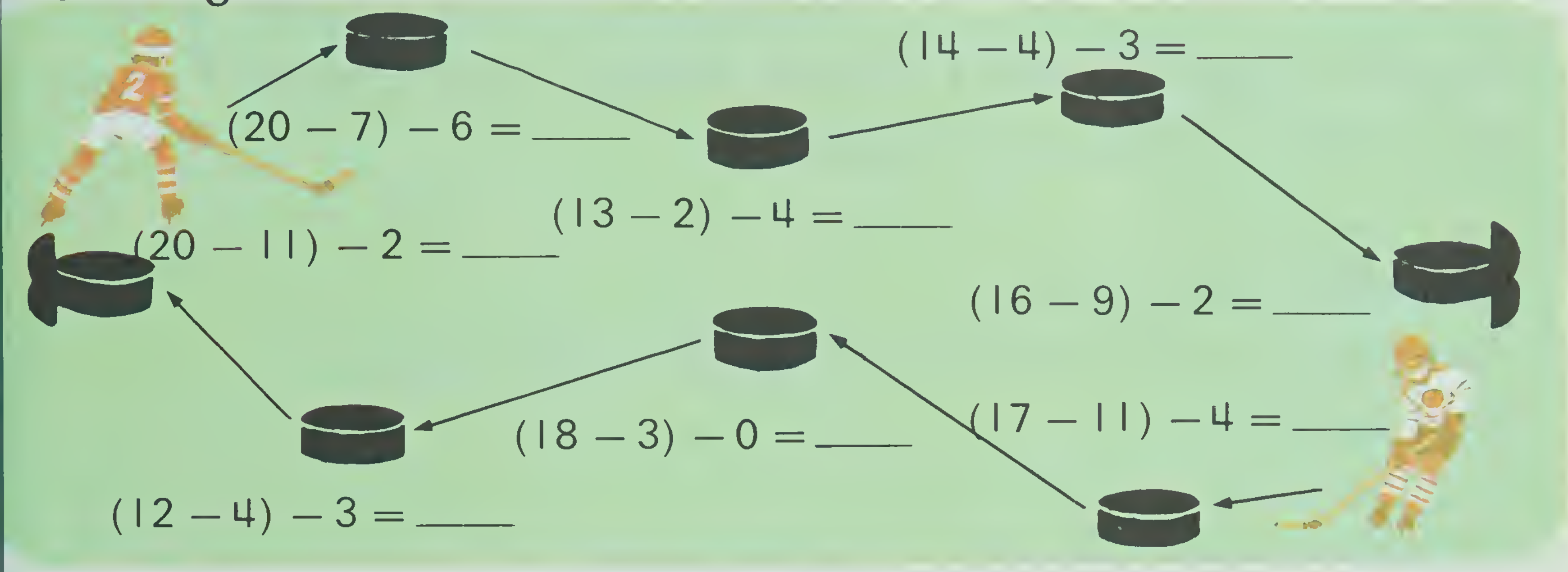


(12 − 6) − 1 = 5

(17 − 7) − 5 = 5

(13 − 10) − 1 = 2

Score goals.



(14 − 4) − 3 = ____

(20 − 7) − 6 = ____

(13 − 2) − 4 = ____

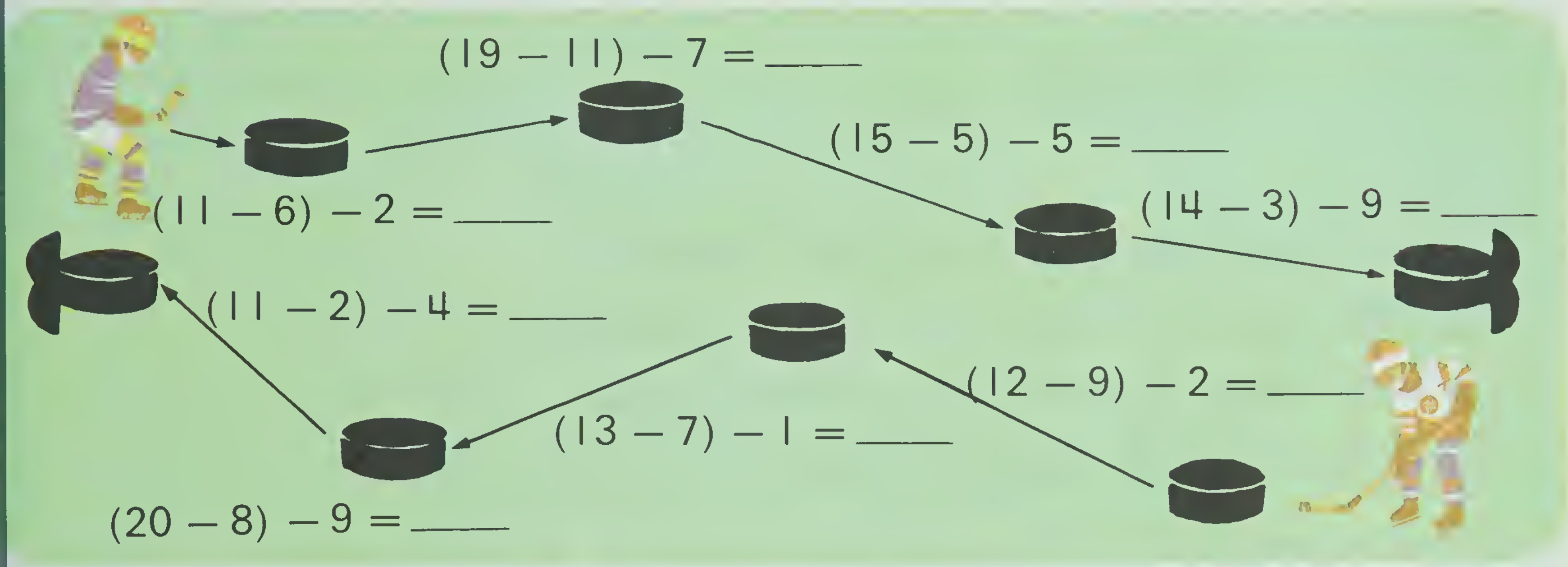
(20 − 11) − 2 = ____

(16 − 9) − 2 = ____

(17 − 11) − 4 = ____

(18 − 3) − 0 = ____

(12 − 4) − 3 = ____



(19 − 11) − 7 = ____

(15 − 5) − 5 = ____

(14 − 3) − 9 = ____

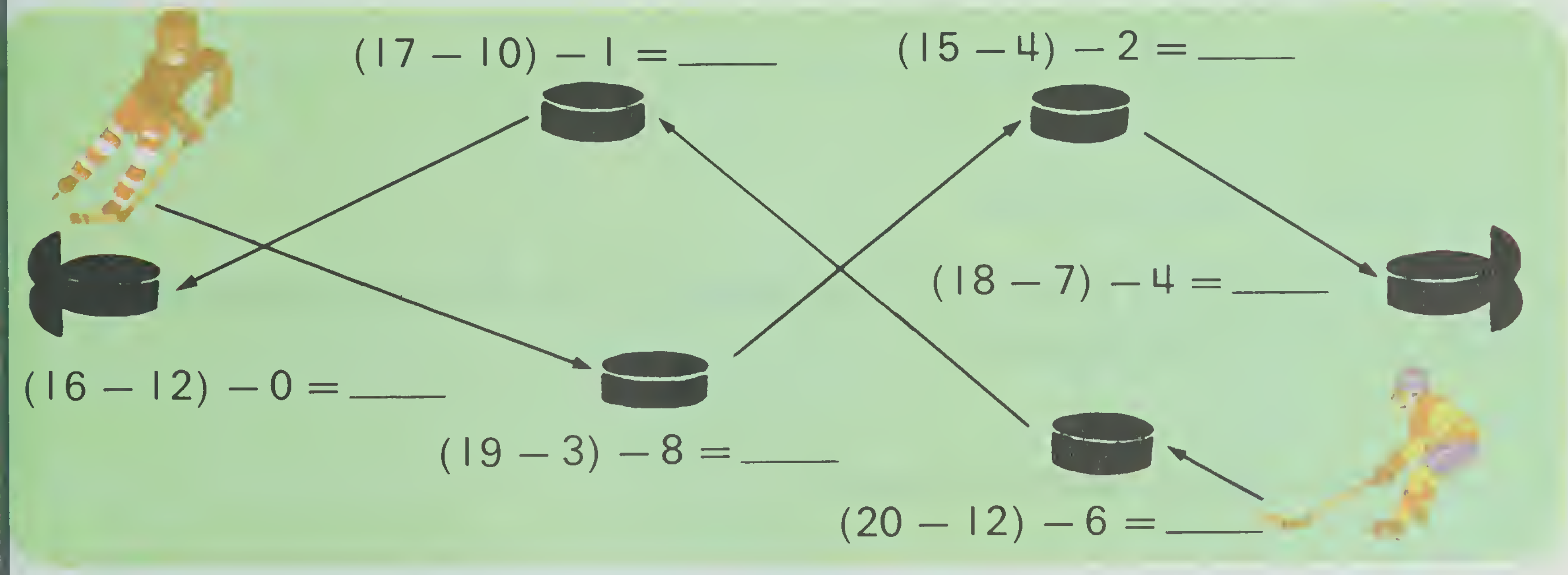
(11 − 6) − 2 = ____

(11 − 2) − 4 = ____

(12 − 9) − 2 = ____

(13 − 7) − 1 = ____

(20 − 8) − 9 = ____



(17 − 10) − 1 = ____

(15 − 4) − 2 = ____

(18 − 7) − 4 = ____

(16 − 12) − 0 = ____

(19 − 3) − 8 = ____

(20 − 12) − 6 = ____

PERIOD	1	2	3
HOME	2	7	8
VISITORS	3	9	4

Home team :

2+7 +8=17 goals

Visitors :

3+9 +4=16 goals

Home team scored

17-16=1 more goal.

Geordie's team scored 13 goals. Carlo's team scored 7 goals.
How many goals were scored?

____

____ goals were scored.

How many more goals did Geordie's team score than Carlo's?

____

Geordie's team scored ____ more goals.

7 goals were scored in the first period.
4 goals were scored in the second period.
8 goals were scored in the third period.
How many goals were scored altogether?

____

____ goals were scored.

How many goals were scored in the first two periods?

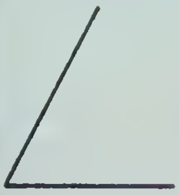
____

____ goals were scored.

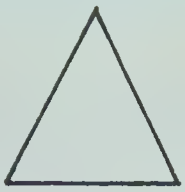
How many more goals were scored in the first two periods than in the third period?

____

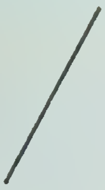
____ more goals were scored.



2

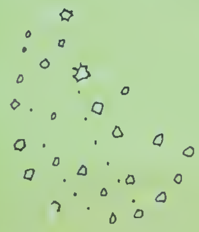


3

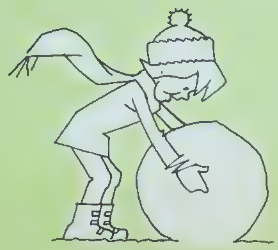


1

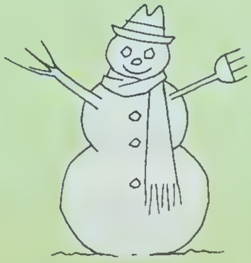
Order the pictures to tell a story.



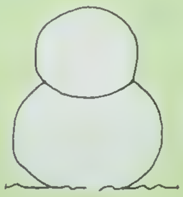
___



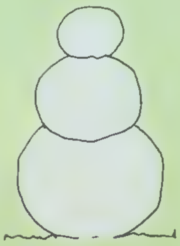
___



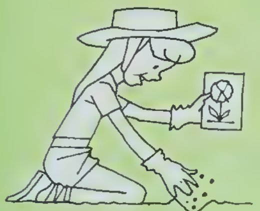
___



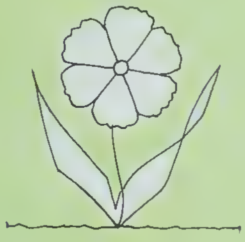
___



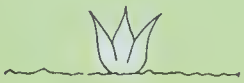
___



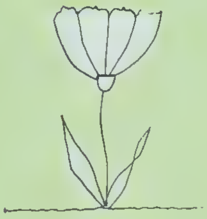
___



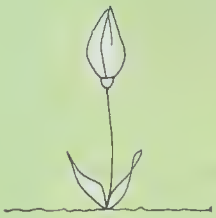
___



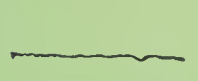
___



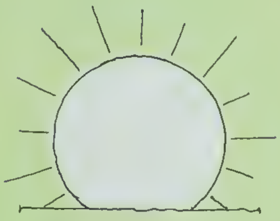
___



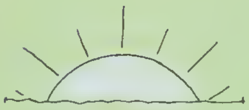
___



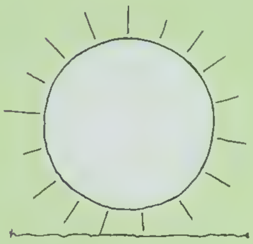
___



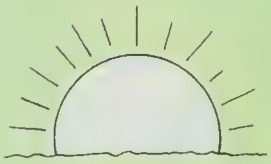
___



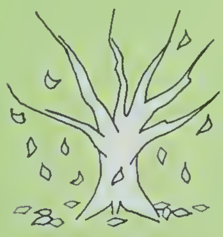
___



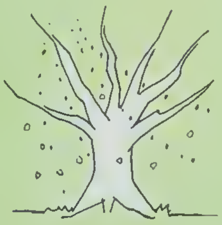
___



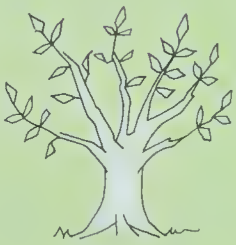
___



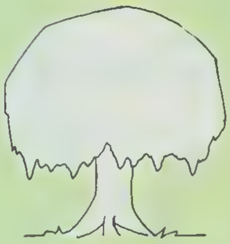
___



___

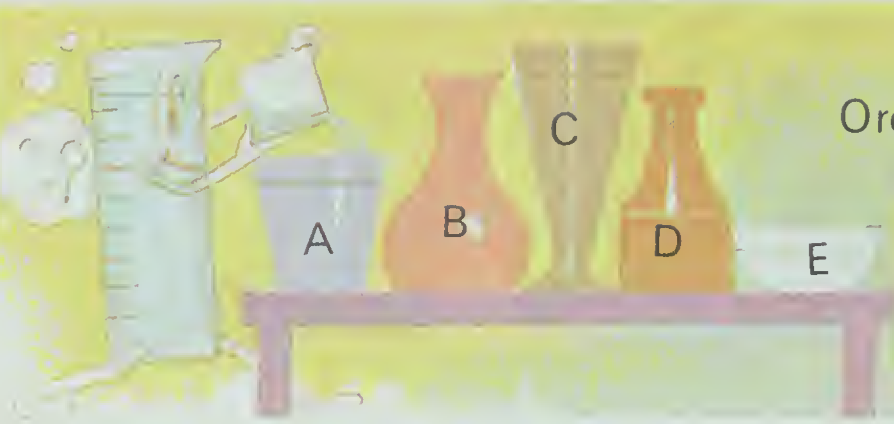


___



___

Create a picture story.



Order: C B D E A

Bottle	Guess	Measurement
A	3 containers	6 containers

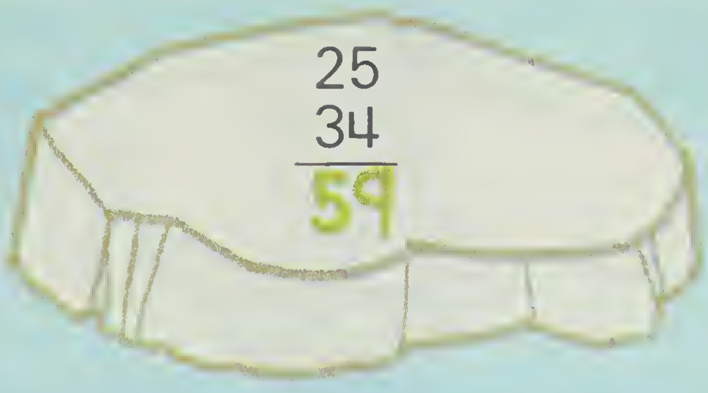
What do you think is the order of the bottles?

____ ____ ____ ____ ____

Bottle	Guess	Measurement
A	____ containers	____ containers
B	____ containers	____ containers
C	____ containers	____ containers
D	____ containers	____ containers
E	____ containers	____ containers

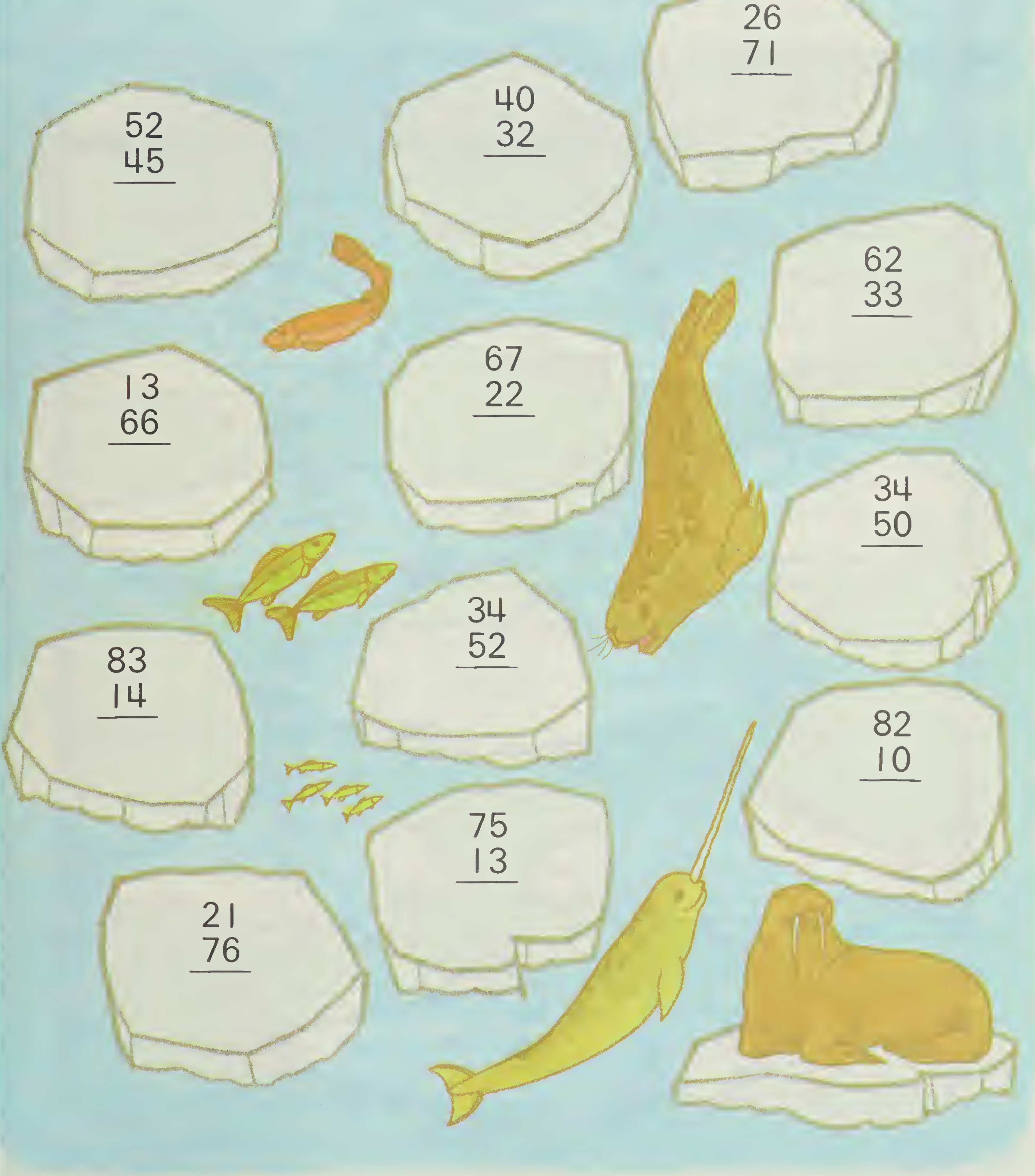
What is the new order of the bottles?

____ ____ ____ ____ ____



$$\begin{array}{r}25\\34\\\hline 59\end{array}$$

Find the walrus. Add.



$$\begin{array}{r}52\\45\\\hline\end{array}$$

$$\begin{array}{r}40\\32\\\hline\end{array}$$

$$\begin{array}{r}26\\71\\\hline\end{array}$$

$$\begin{array}{r}62\\33\\\hline\end{array}$$

$$\begin{array}{r}13\\66\\\hline\end{array}$$

$$\begin{array}{r}67\\22\\\hline\end{array}$$

$$\begin{array}{r}34\\50\\\hline\end{array}$$

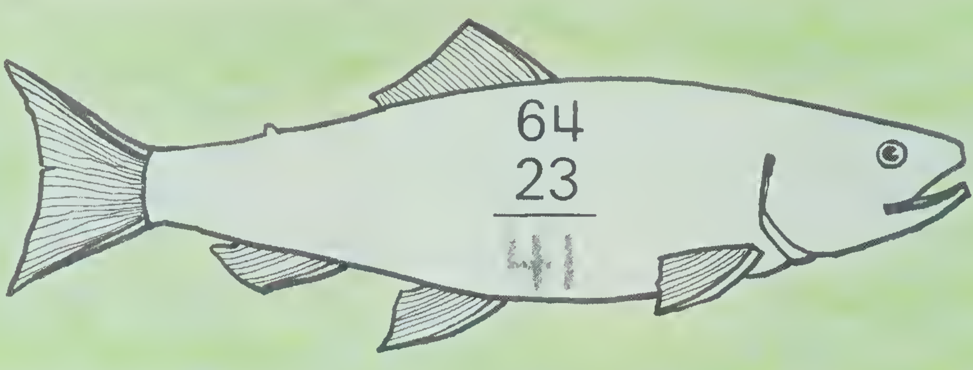
$$\begin{array}{r}83\\14\\\hline\end{array}$$

$$\begin{array}{r}34\\52\\\hline\end{array}$$

$$\begin{array}{r}82\\10\\\hline\end{array}$$

$$\begin{array}{r}21\\76\\\hline\end{array}$$

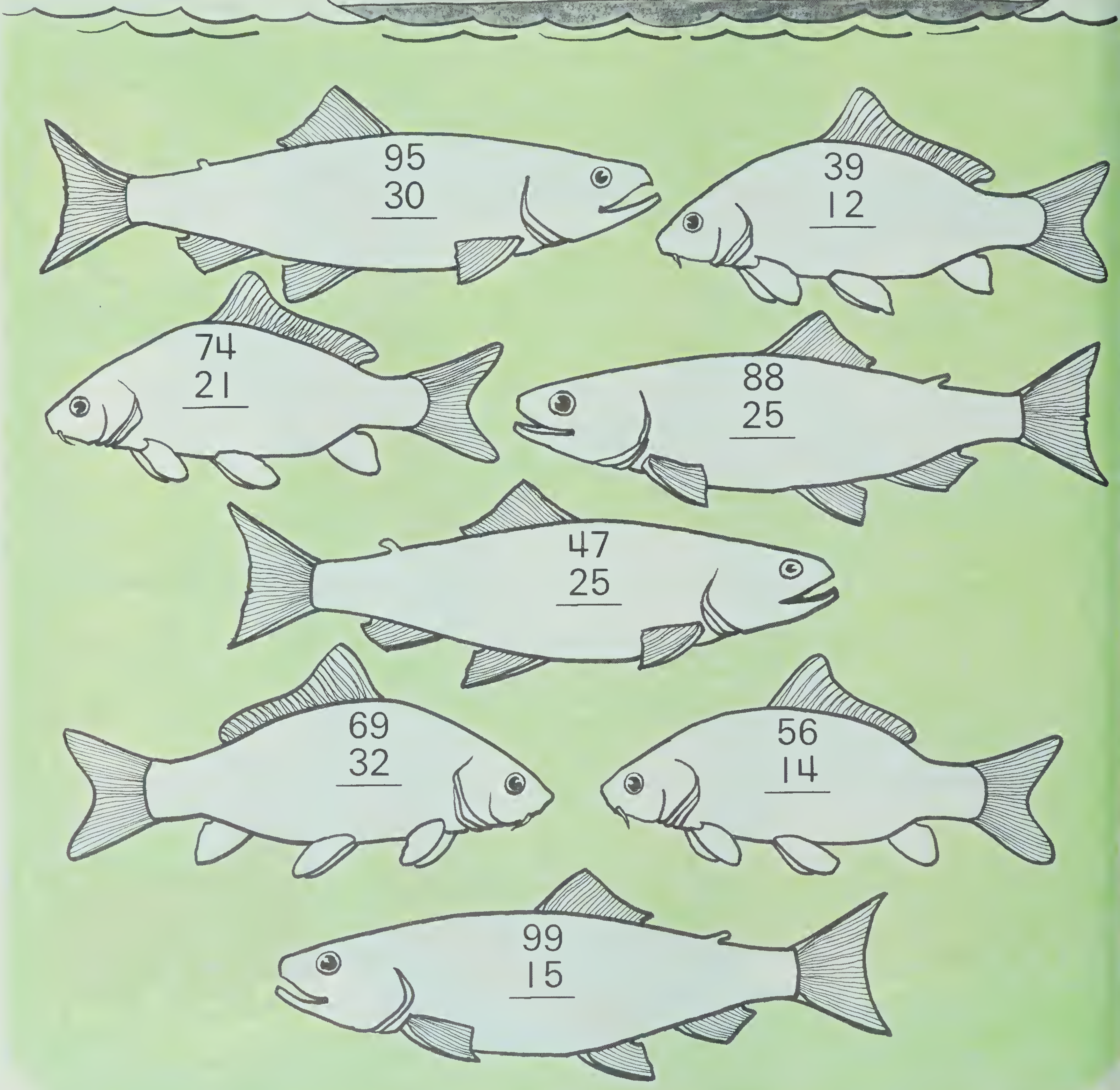
$$\begin{array}{r}75\\13\\\hline\end{array}$$



$\begin{array}{r}64\\23\\\hline 41\end{array}$

How many fish can you catch?

Subtract.



$\begin{array}{r}95\\30\\\hline\end{array}$

$\begin{array}{r}39\\12\\\hline\end{array}$

$\begin{array}{r}74\\21\\\hline\end{array}$

$\begin{array}{r}88\\25\\\hline\end{array}$

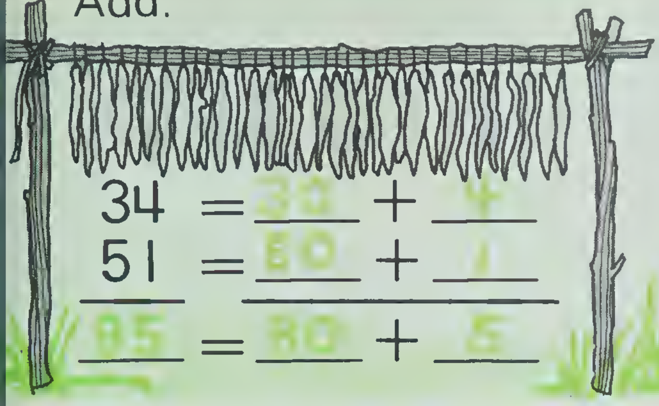
$\begin{array}{r}47\\25\\\hline\end{array}$

$\begin{array}{r}69\\32\\\hline\end{array}$

$\begin{array}{r}56\\14\\\hline\end{array}$

$\begin{array}{r}99\\15\\\hline\end{array}$

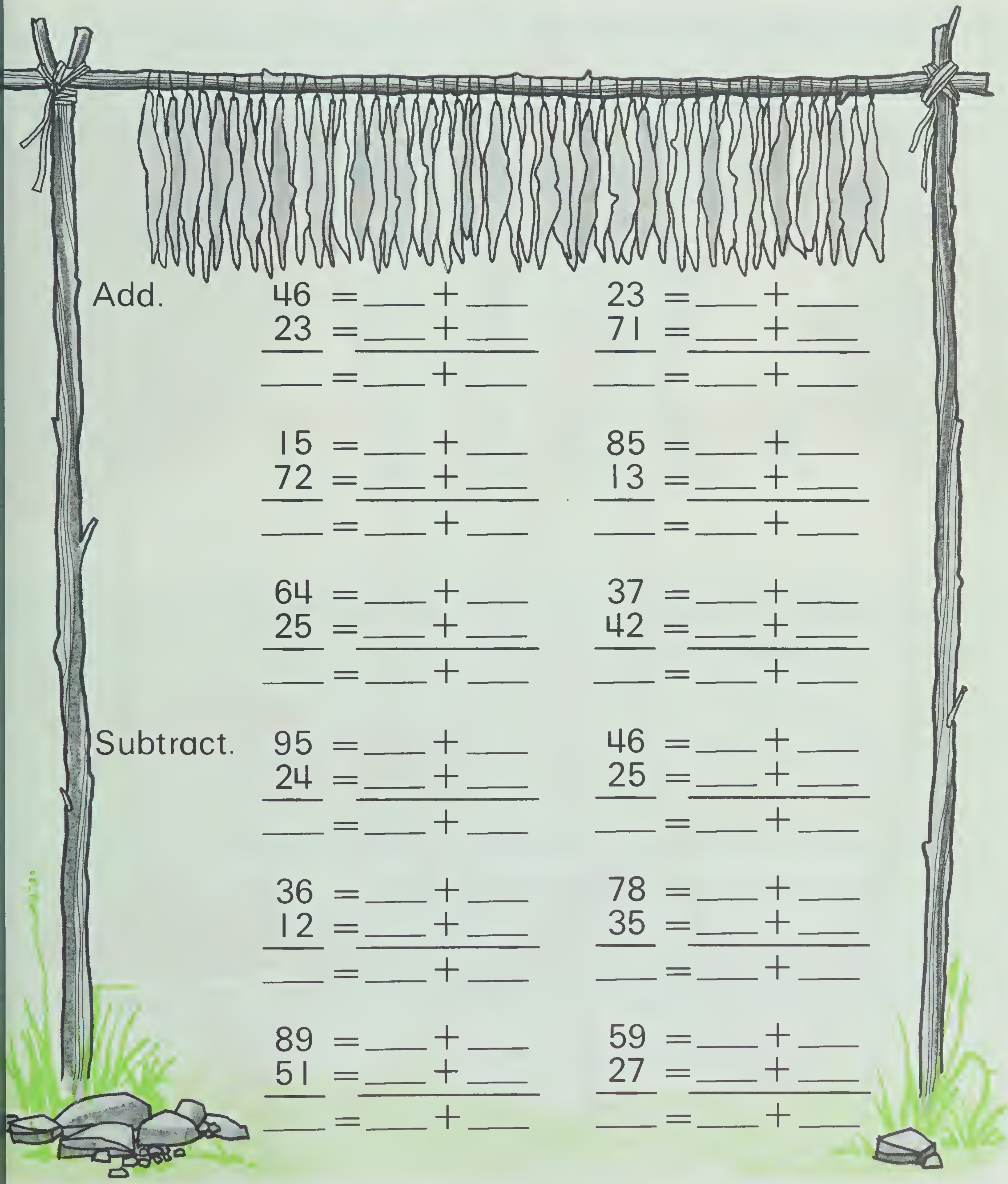
Add.



34 = 30 + 4
51 = 50 + 1
85 = 80 + 5

Subtract.

94 = 90 + 4
32 = 30 + 2
62 = 60 + 2



Add.

46 = ___ + ___
23 = ___ + ___
___ = ___ + ___

23 = ___ + ___
71 = ___ + ___
___ = ___ + ___

15 = ___ + ___
72 = ___ + ___
___ = ___ + ___

85 = ___ + ___
13 = ___ + ___
___ = ___ + ___

64 = ___ + ___
25 = ___ + ___
___ = ___ + ___

37 = ___ + ___
42 = ___ + ___
___ = ___ + ___

Subtract.

95 = ___ + ___
24 = ___ + ___
___ = ___ + ___

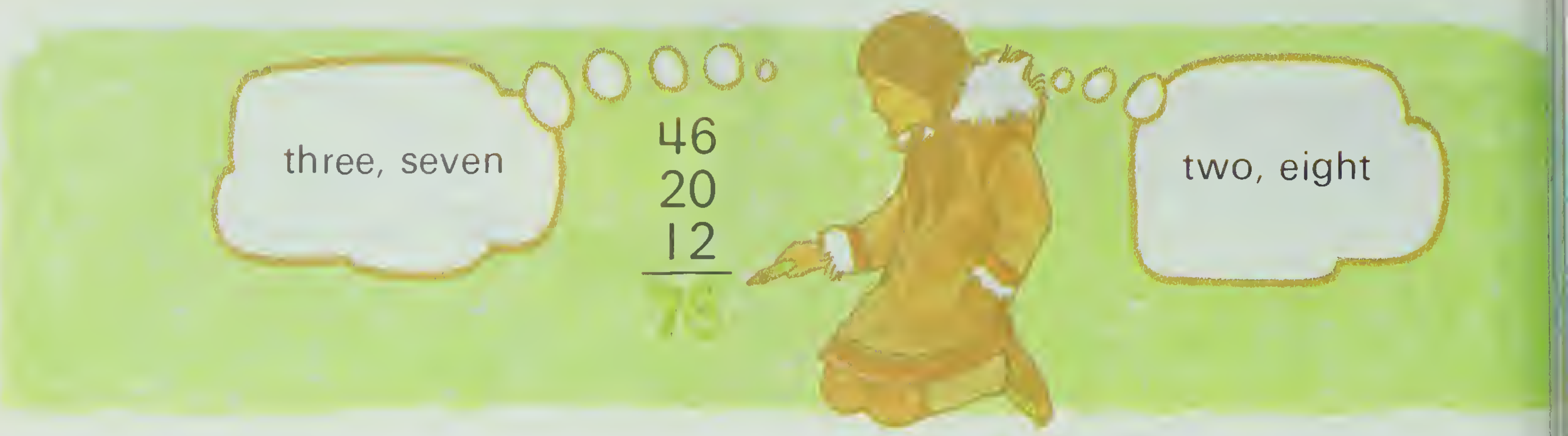
46 = ___ + ___
25 = ___ + ___
___ = ___ + ___

36 = ___ + ___
12 = ___ + ___
___ = ___ + ___

78 = ___ + ___
35 = ___ + ___
___ = ___ + ___

89 = ___ + ___
51 = ___ + ___
___ = ___ + ___

59 = ___ + ___
27 = ___ + ___
___ = ___ + ___



Add and check your answers.

$$\begin{array}{r} 33\\ 24\\ 10\\ \hline \end{array} \qquad \begin{array}{r} 21\\ 42\\ 23\\ \hline \end{array} \qquad \begin{array}{r} 43\\ 21\\ 32\\ \hline \end{array} \qquad \begin{array}{r} 51\\ 13\\ 22\\ \hline \end{array}$$

$$\begin{array}{r} 12\\ 40\\ 34\\ \hline \end{array} \qquad \begin{array}{r} 26\\ 51\\ 20\\ \hline \end{array} \qquad \begin{array}{r} 43\\ 31\\ 24\\ \hline \end{array} \qquad \begin{array}{r} 61\\ 12\\ 14\\ \hline \end{array}$$

$$\begin{array}{r} 58\\ 20\\ \hline \end{array} \qquad \begin{array}{r} 35\\ 62\\ \hline \end{array} \qquad \begin{array}{r} 64\\ 23\\ \hline \end{array} \qquad \begin{array}{r} 21\\ 73\\ \hline \end{array} \qquad \begin{array}{r} 47\\ 22\\ \hline \end{array} \qquad \begin{array}{r} 23\\ 74\\ \hline \end{array}$$

Akeeko caught 62 fish. Then he caught 31 more.
How many fish did he catch?

____

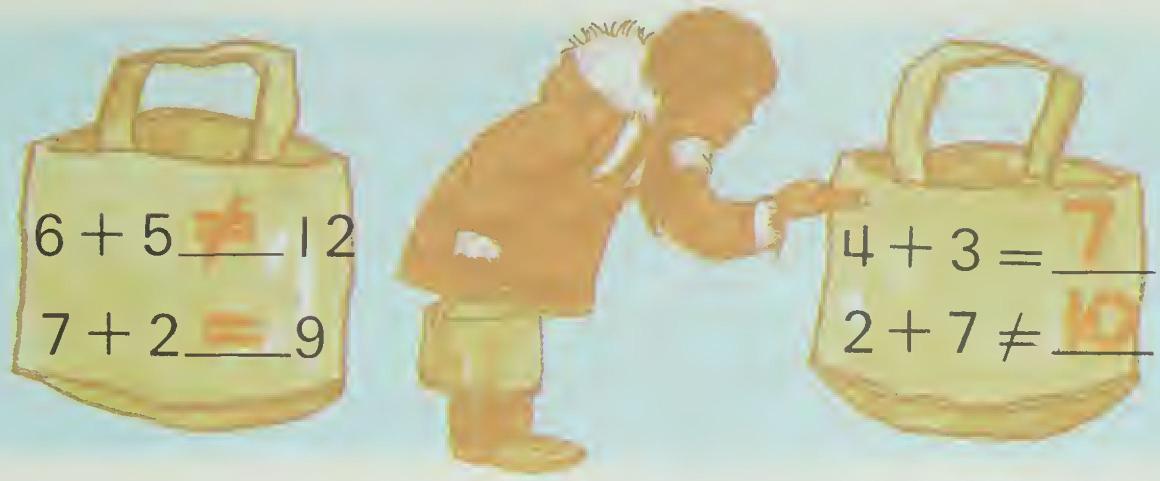
He caught ____ fish.

Anauta saw 34 walrus on the ice. 21 swam away.
How many walrus were left on the ice?

____

____walrus were left.

Create a story about $32 + 24 =$ ____.



6 + 5 ≠ 12

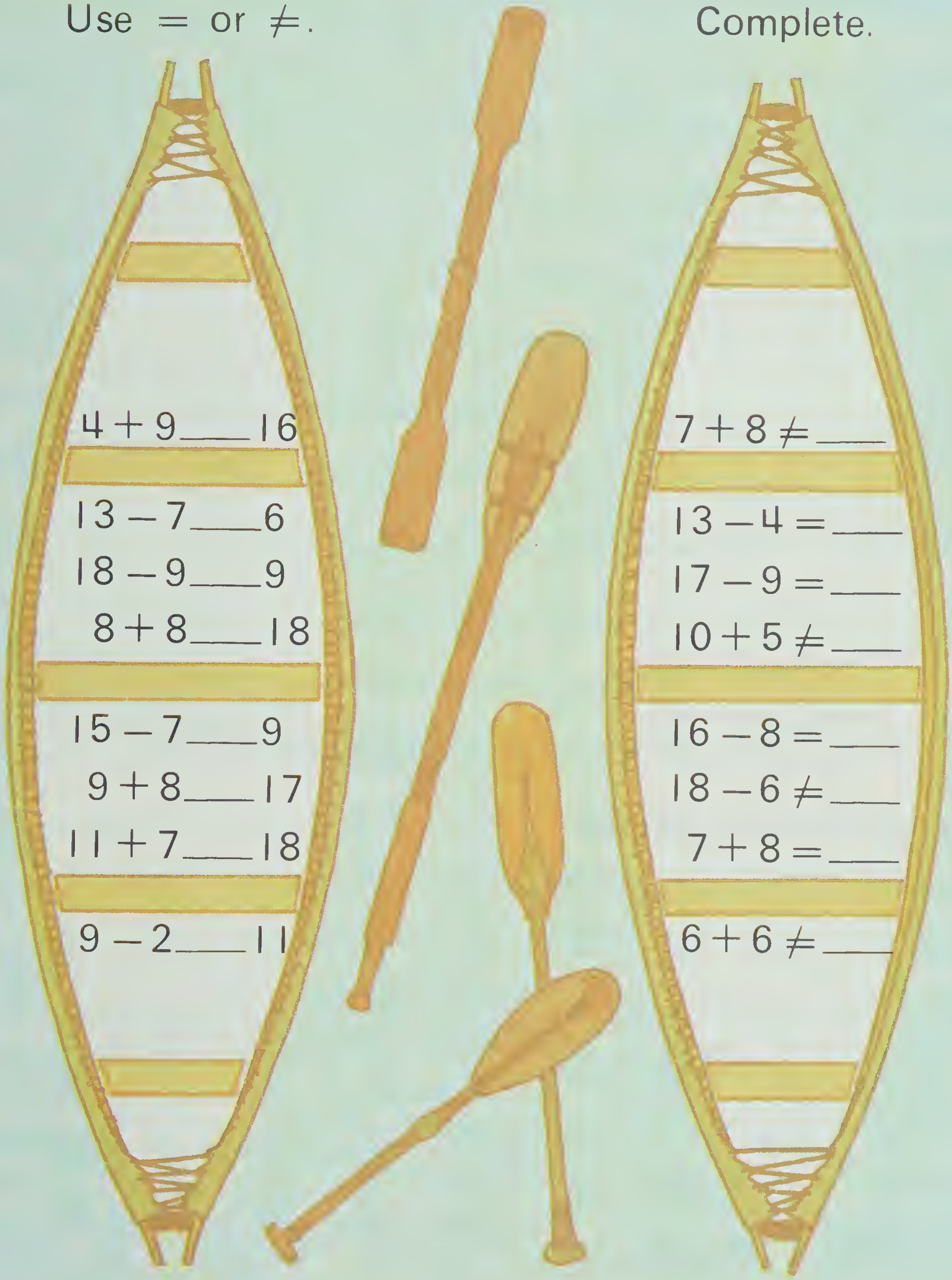
7 + 2 = 9

4 + 3 = 7

2 + 7 ≠ 10

Use = or ≠.

Complete.



4 + 9 ___ 16

13 − 7 ___ 6

18 − 9 ___ 9

8 + 8 ___ 18

15 − 7 ___ 9

9 + 8 ___ 17

11 + 7 ___ 18

9 − 2 ___ 11

7 + 8 ≠ ___

13 − 4 = ___

17 − 9 = ___

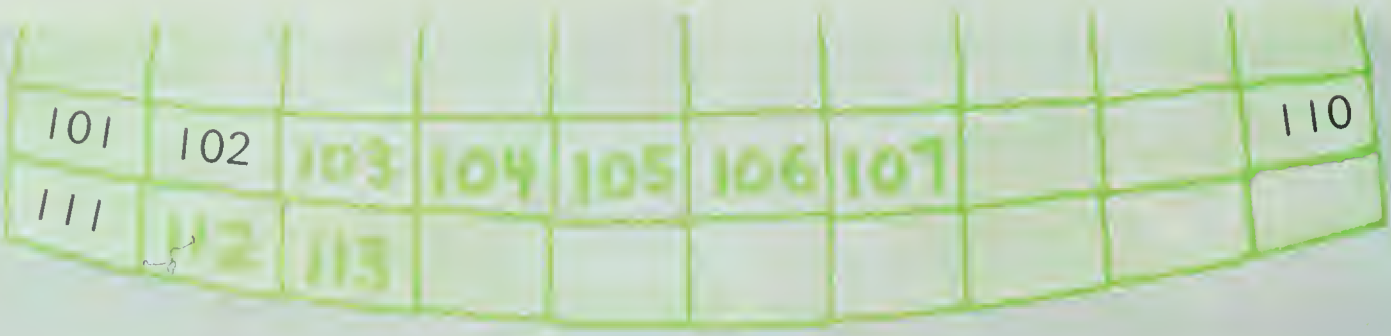
10 + 5 ≠ ___

16 − 8 = ___

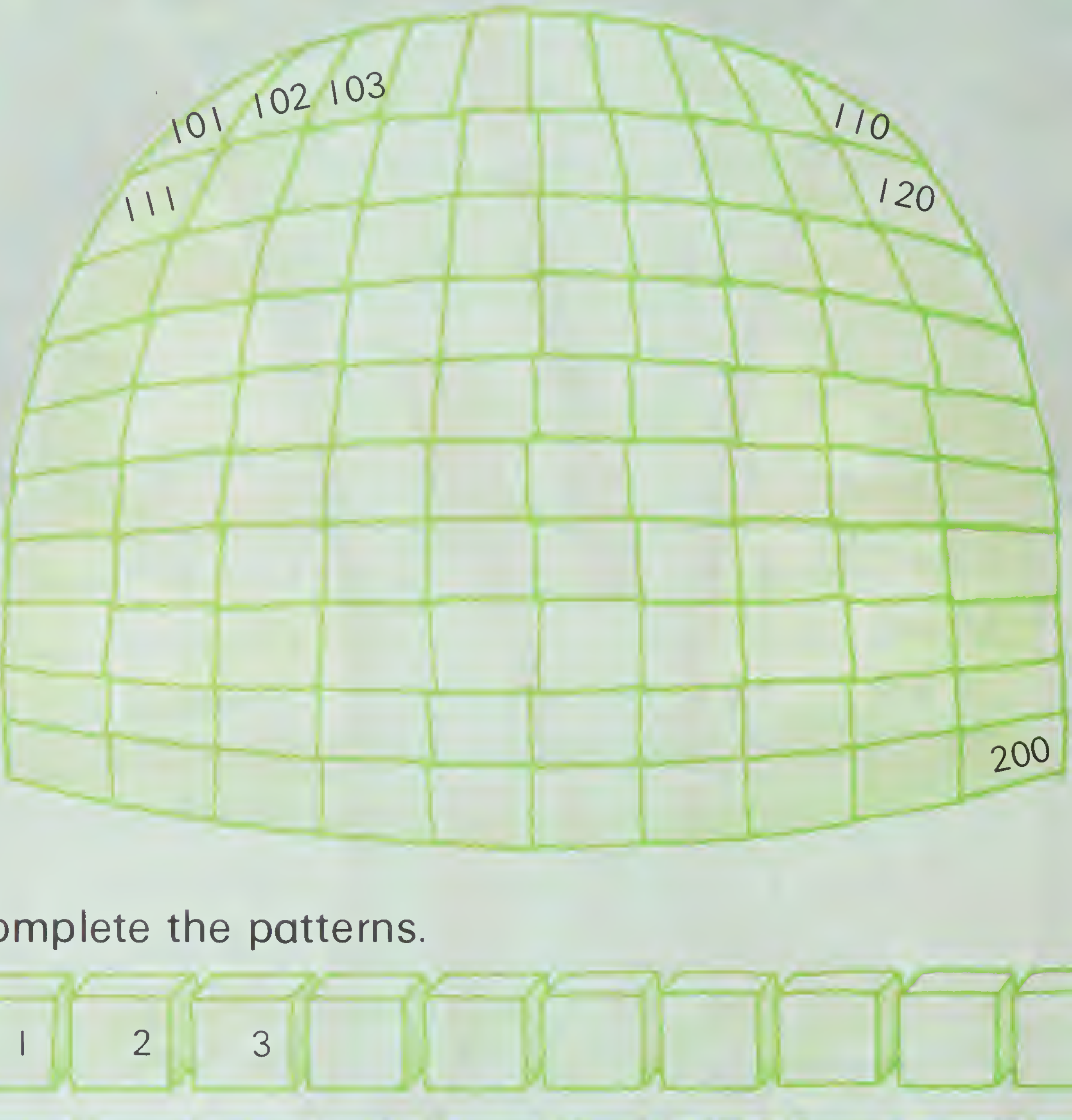
18 − 6 ≠ ___

7 + 8 = ___

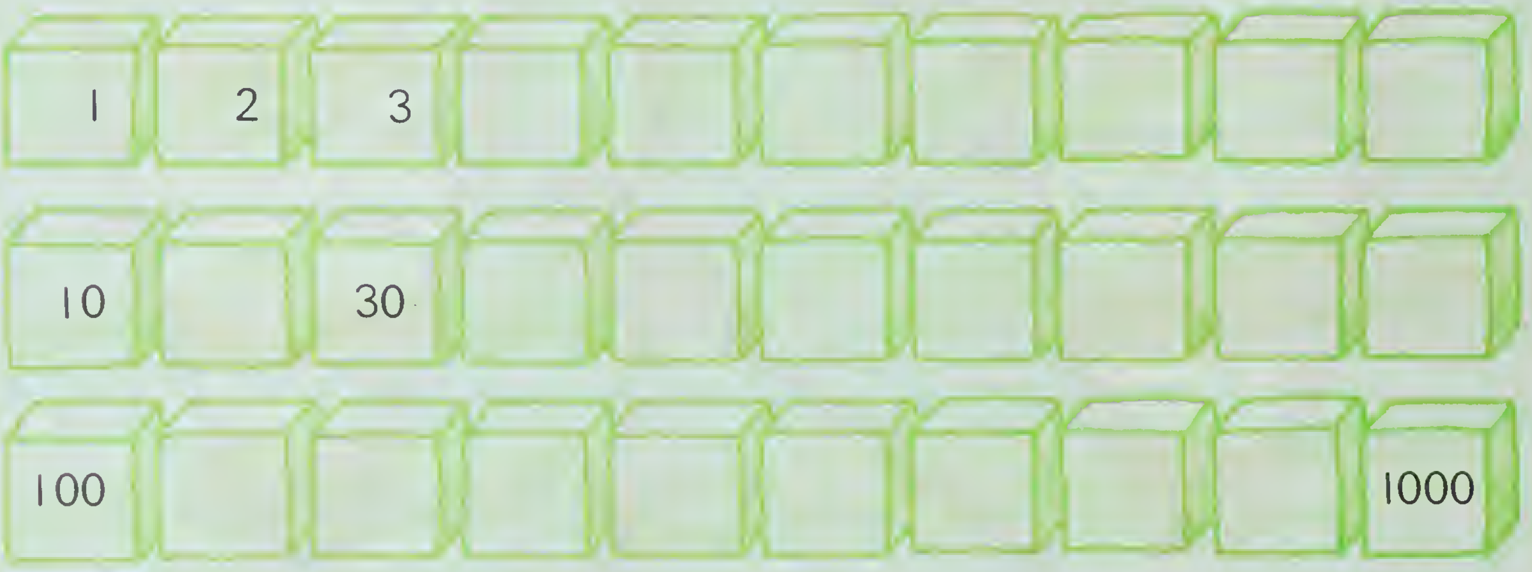
6 + 6 ≠ ___


101
102
103
104
105
106
107
110
111
112
113

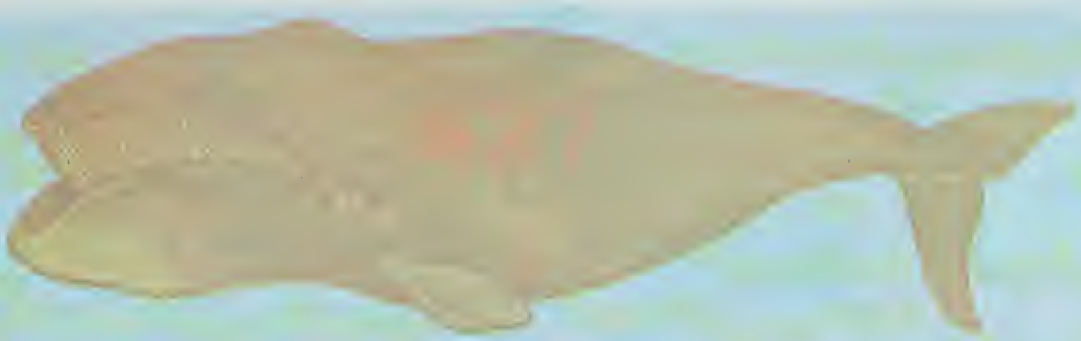
Build the igloo.


101
102
103
110
111
120
200

Complete the patterns.



1	2	3							
10		30							
100									1000



4 hundreds, 2 tens and 7

What is the number?

1 hundred, 3 tens and 4

3 hundreds, 8 tens and 1

5 hundreds, 6 tens and 2

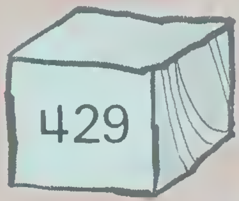
8 hundreds, 1 ten and 6

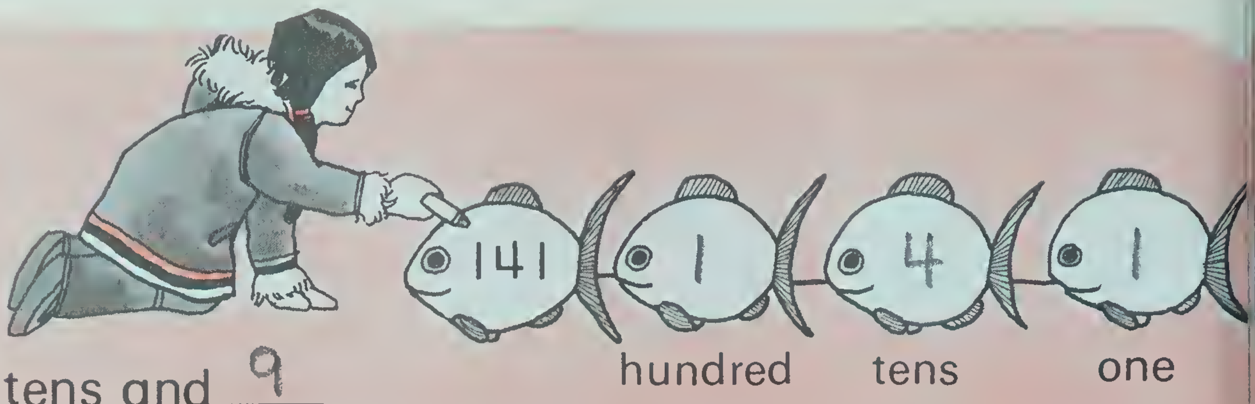
7 hundreds, 2 tens and 7

6 hundreds, 0 tens and 0

1 hundred, 0 tens and 9

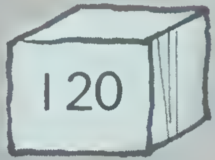
2 hundreds, 9 tens and 9



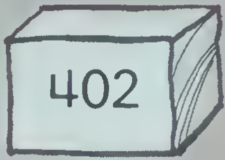

141
1
4
1
hundred
tens
one

4 hundreds, 2 tens and 9

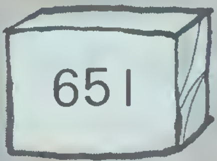
Build igloos.



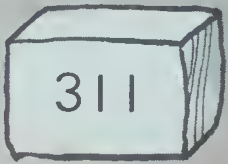
____ hundred, ____ tens and ____



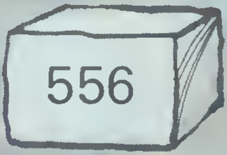
____ hundreds, ____ tens and ____



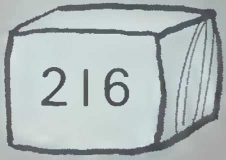
____ hundreds, ____ tens and ____



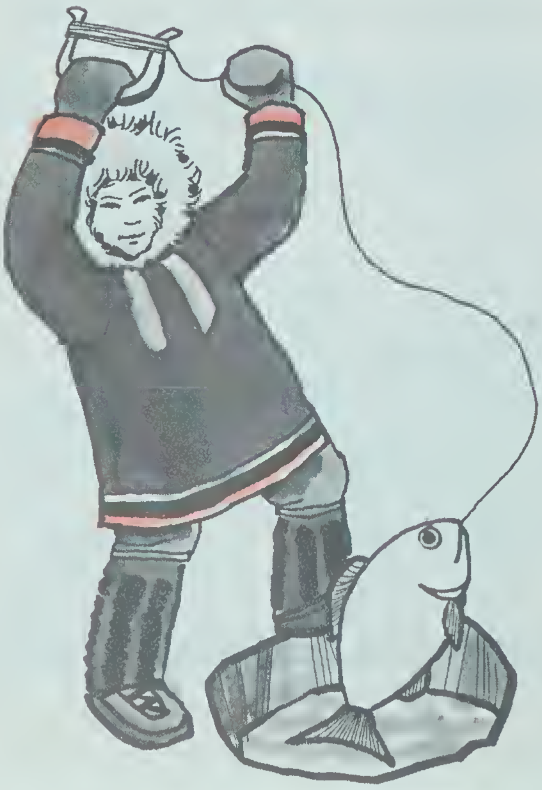
____ hundreds, ____ ten and ____

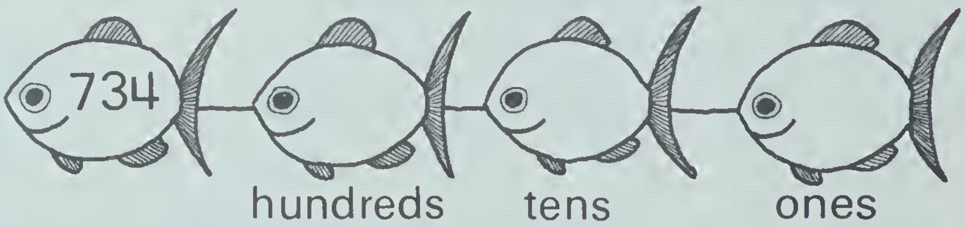


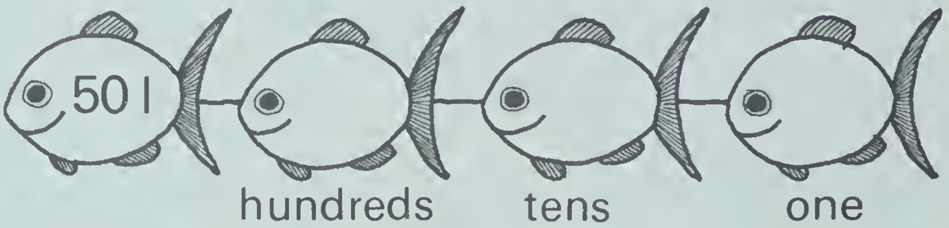
____ hundreds, ____ tens and ____

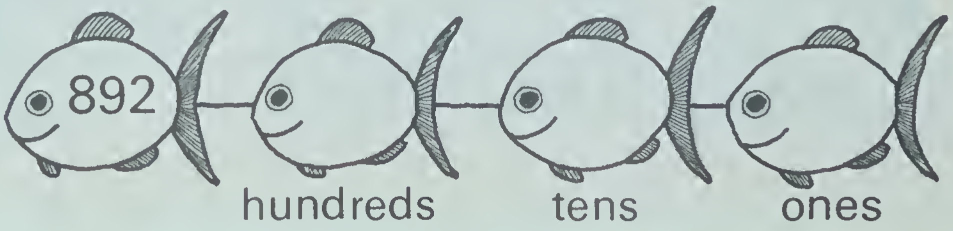


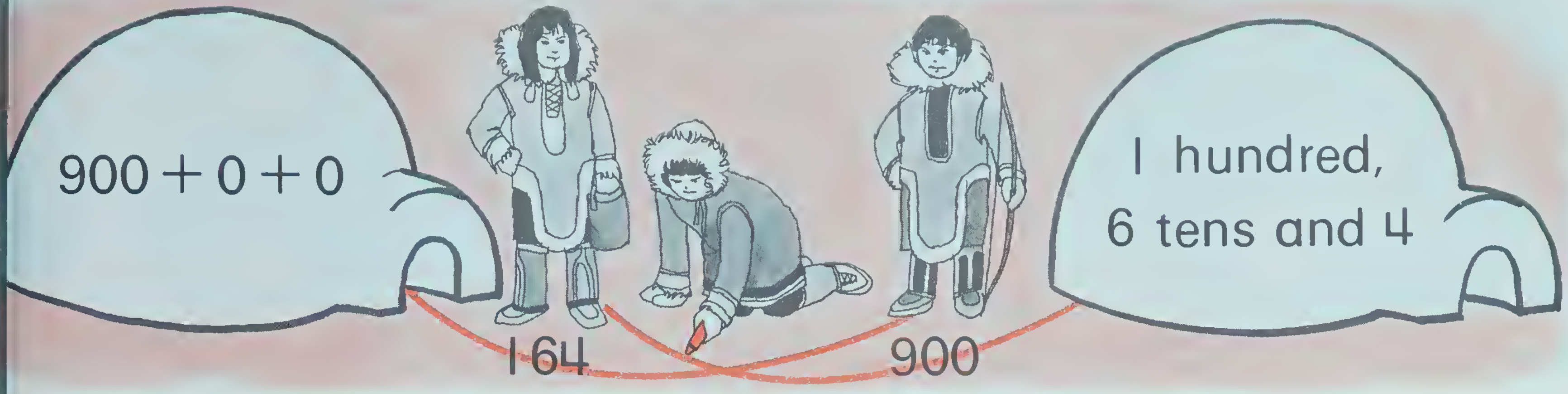
____ hundreds, ____ ten and ____



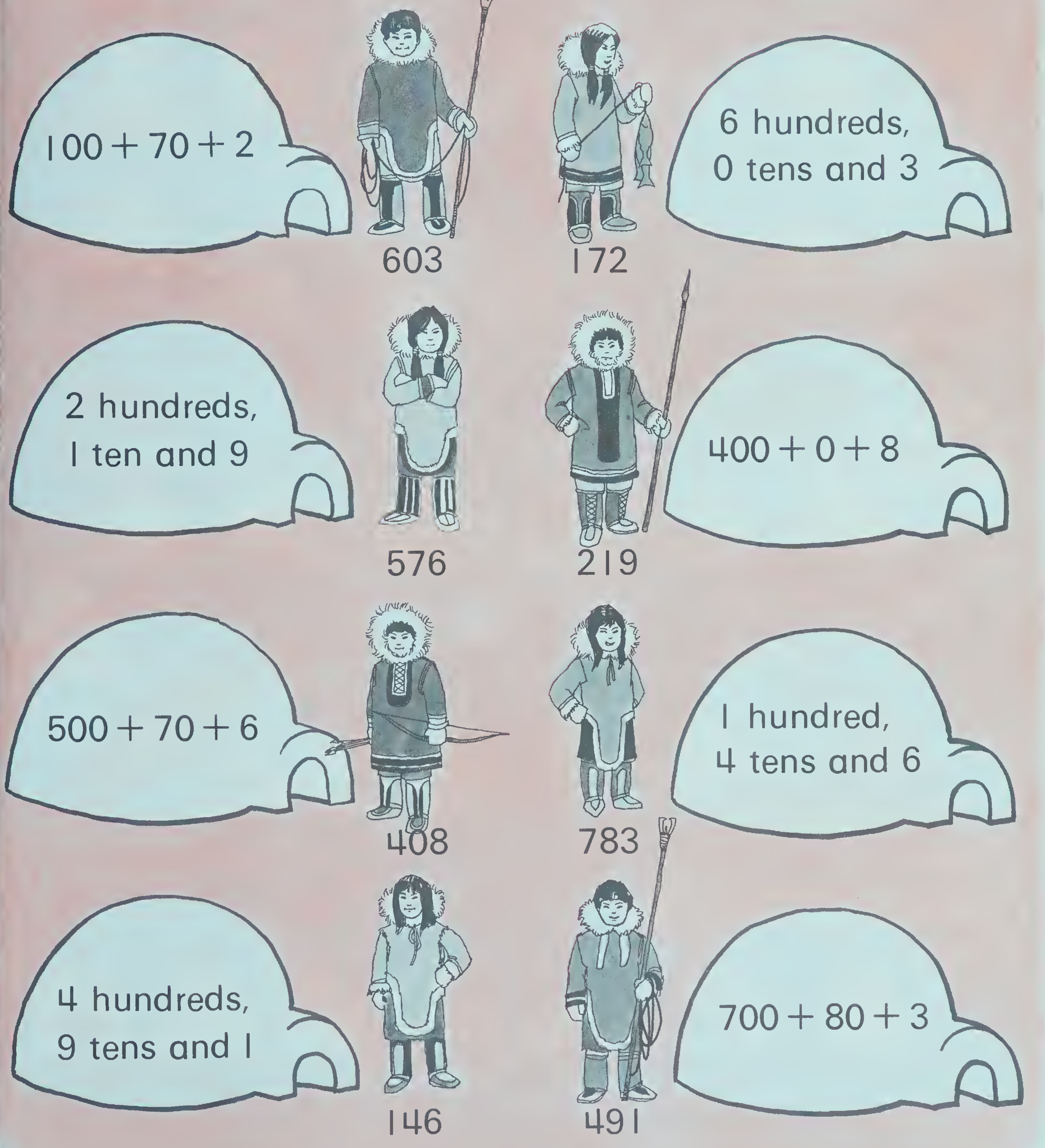

734
hundreds
tens
ones

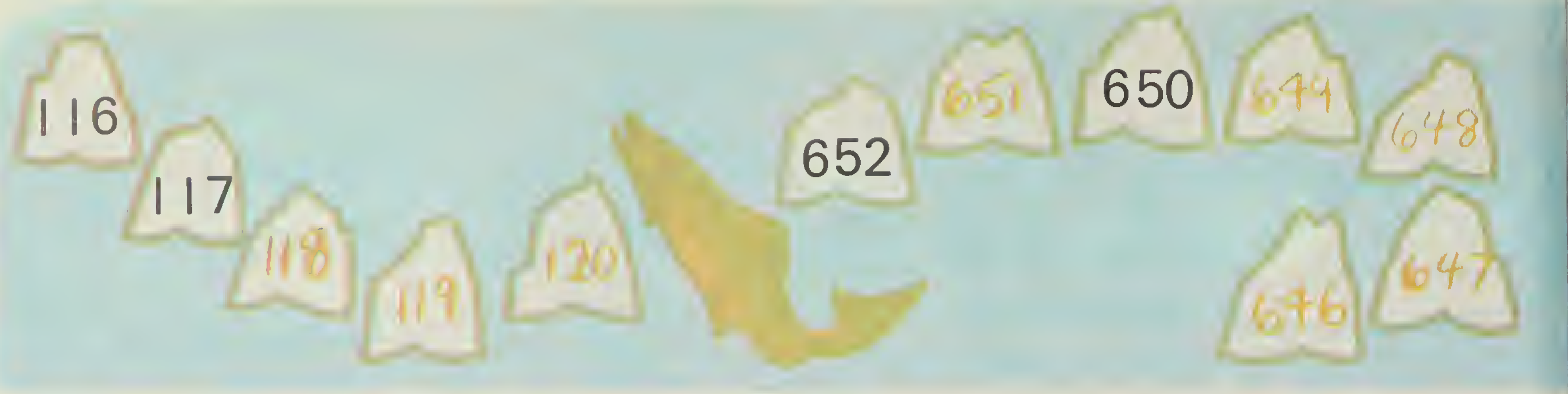

501
hundreds
tens
one


892
hundreds
tens
ones

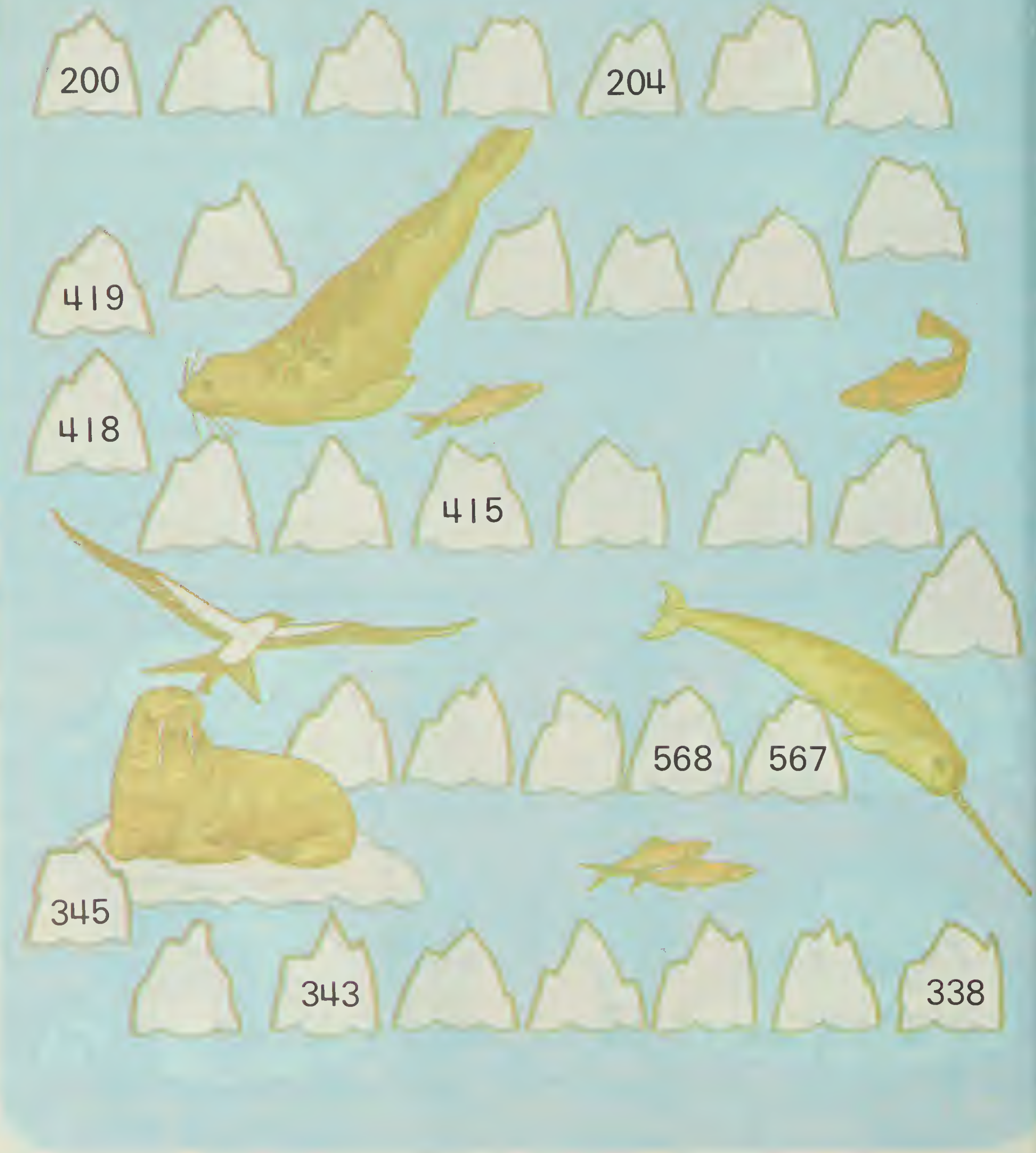

900 + 0 + 0
I hundred,
6 tens and 4
164
900

Vhere does each Eskimo live?


100 + 70 + 2
6 hundreds,
0 tens and 3
603
172
2 hundreds,
I ten and 9
400 + 0 + 8
576
219
500 + 70 + 6
I hundred,
4 tens and 6
408
783
4 hundreds,
9 tens and I
700 + 80 + 3
146
491


116
117
118
119
120
652
651
650
649
648
647
646

Complete.


200
204
419
418
415
568
567
345
343
338

113

1 hundred, 1 ten and 3

100 + 10 + 3

607

6 hundreds, 0 tens and 7

600 + 0 + 7

Drive the dog teams.

___

___ hundreds, ___ tens and ___

600 + 30 + 4

___

___ hundreds, ___ tens and ___

300 + 40 + 6

___

5 hundreds, 5 tens and 5

___ + ___ + ___

739

___ hundreds, ___ tens and ___

___ + ___ + ___

291

___ hundreds, ___ tens and ___

___ + ___ + ___

411

___ hundreds, ___ ten and ___

___ + ___ + ___

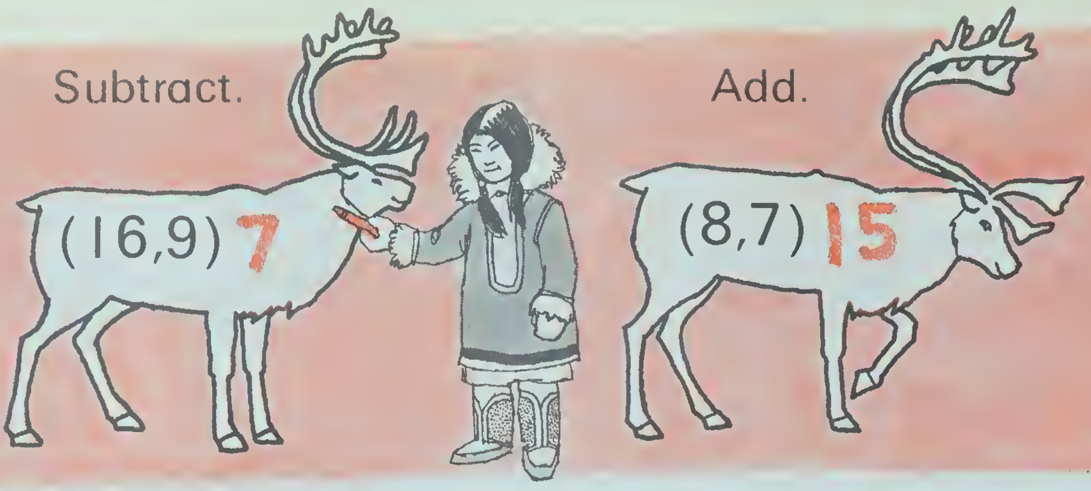
___

1 hundred, 0 tens and 3

___ + ___ + ___

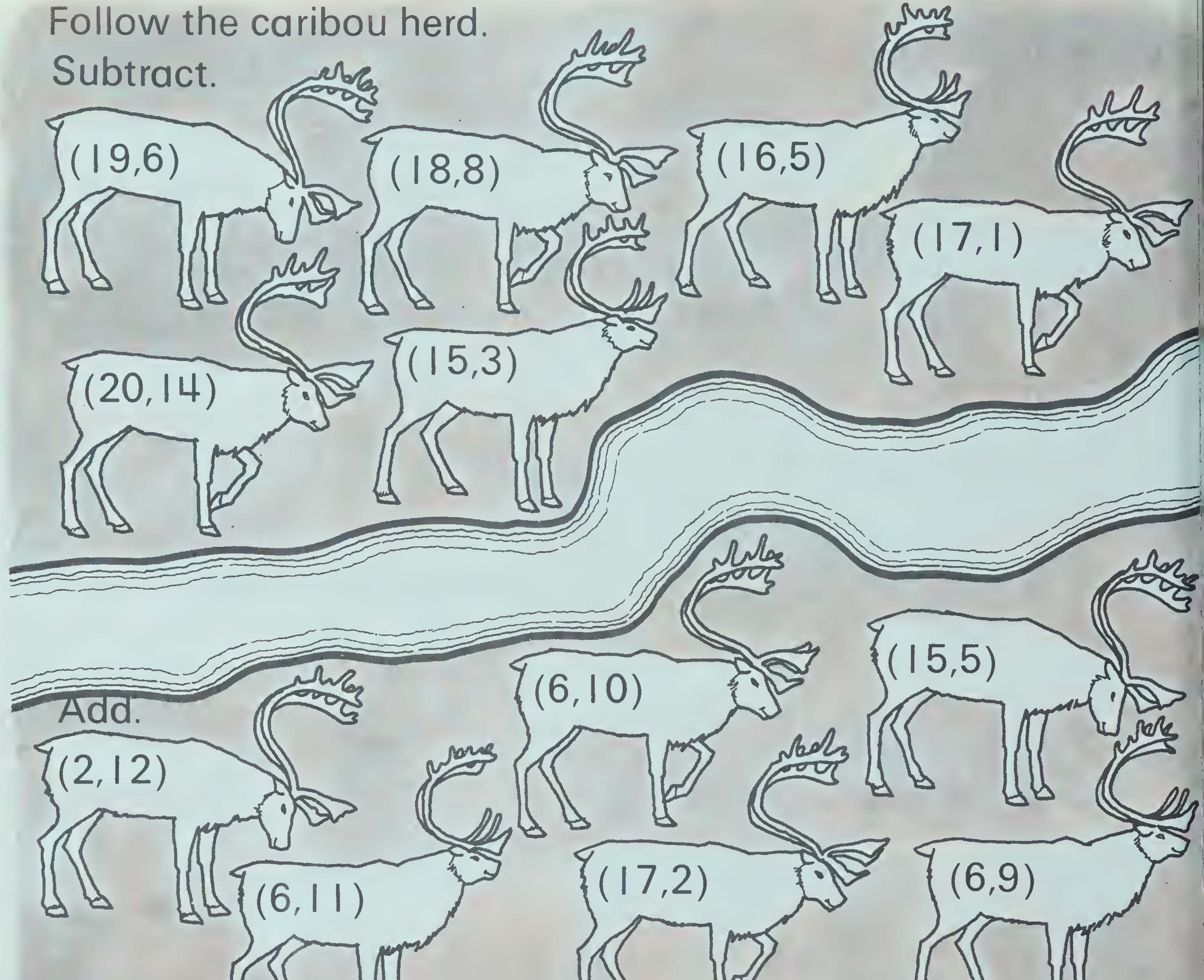
Subtract.

Add.



Follow the caribou herd.

Subtract.


(19,6)
(18,8)
(16,5)
(17,1)
(20,14)
(15,3)
Add.
(2,12)
(6,10)
(15,5)
(6,11)
(17,2)
(6,9)

3 caribou were drinking at a river. 4 caribou joined them, then 8 more came along.

How many caribou were at the river?

____

____ caribou were at the river.

13 − 12 = 1

15 − 8 = 7

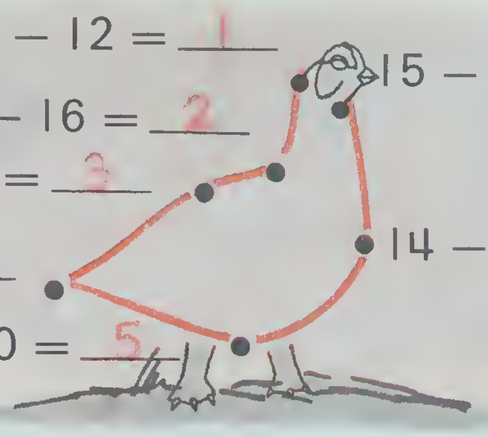
18 − 16 = 2

15 − 12 = 3

14 − 8 = 6

13 − 9 = 4

15 − 10 = 5



Complete the questions and join the dots.

19 − 6 = ____

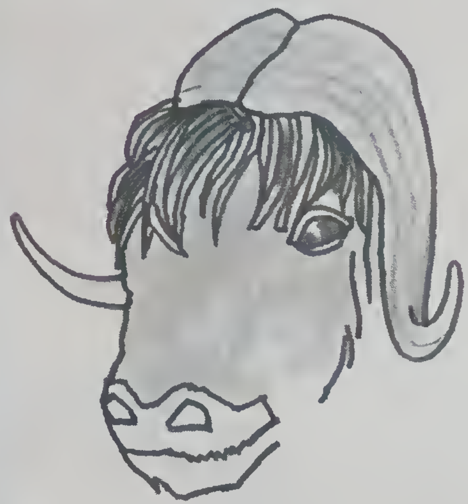
14 + 0 = ____

1 + 11 = ____

8 + 3 = ____

20 − 10 = ____

19 − 10 = ____



19 − 18 = ____

17 − 9 = ____

12 − 10 = ____

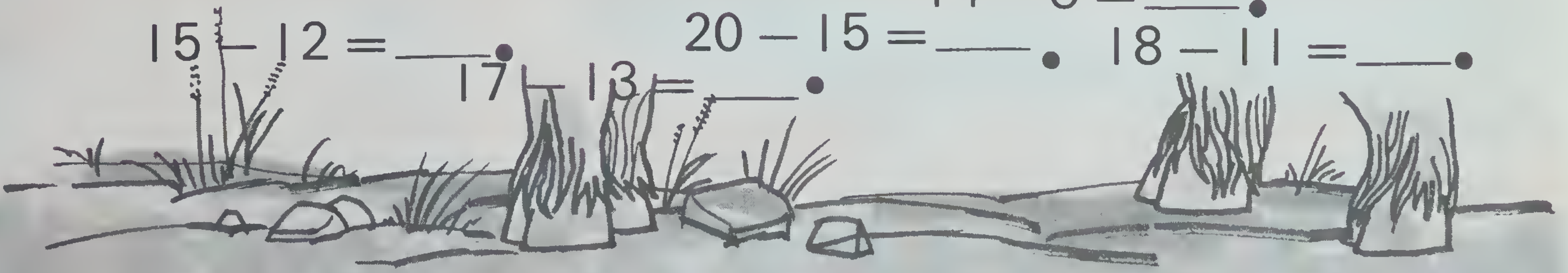
14 − 8 = ____

15 − 12 = ____

20 − 15 = ____

18 − 11 = ____

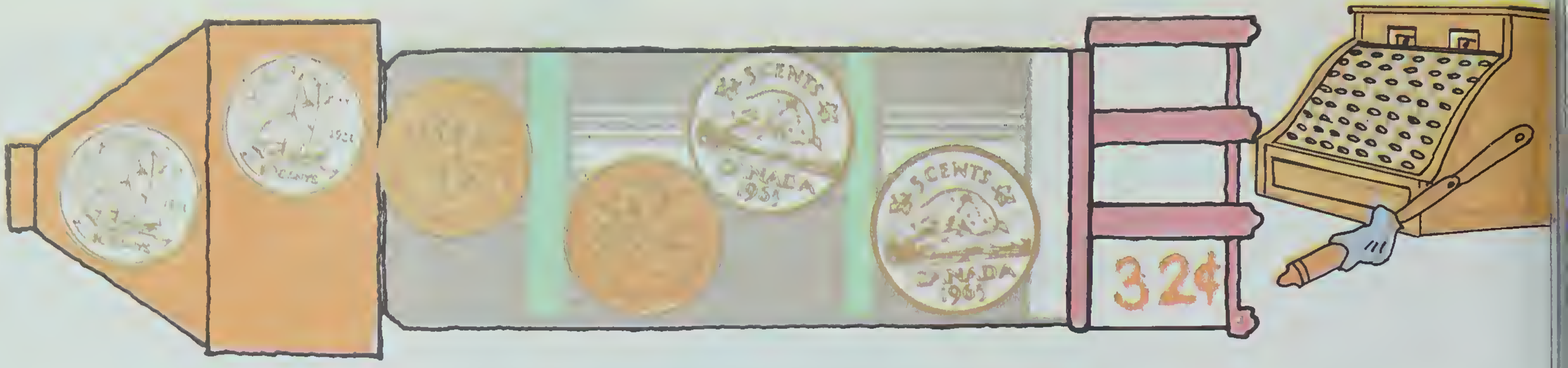
17 − 13 = ____



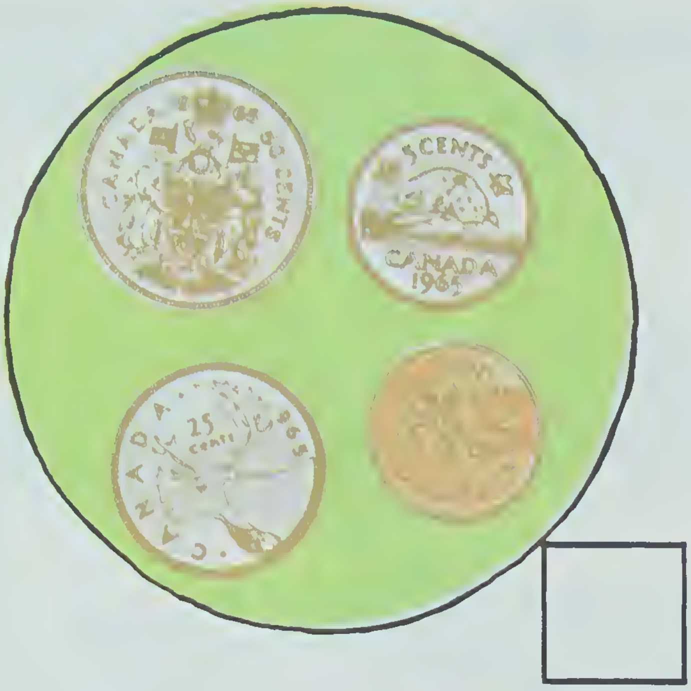
16 musk-oxen were eating grass.
5 went to the river, and 8 went looking for more food.
How many musk-oxen were left eating grass?

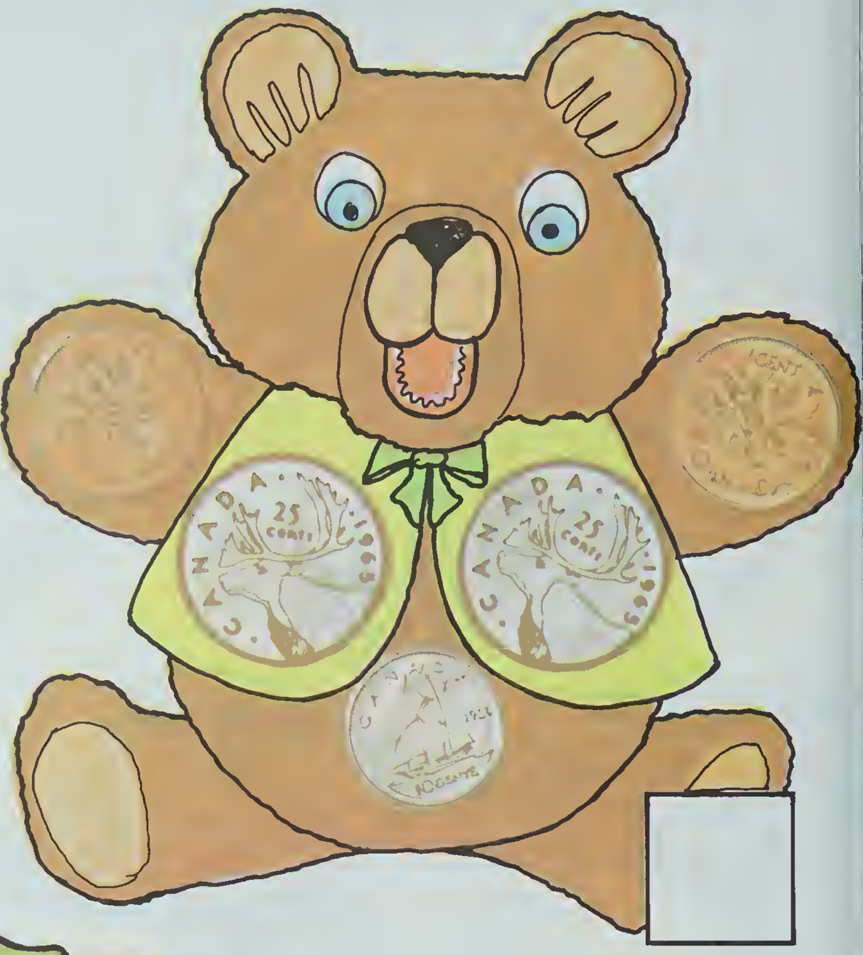
____

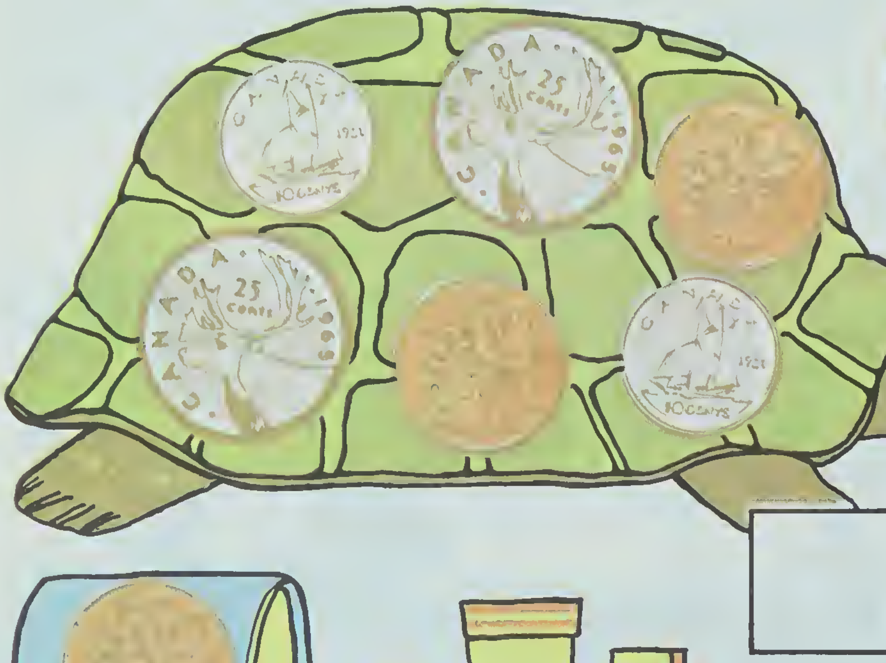
____ musk-oxen were left.

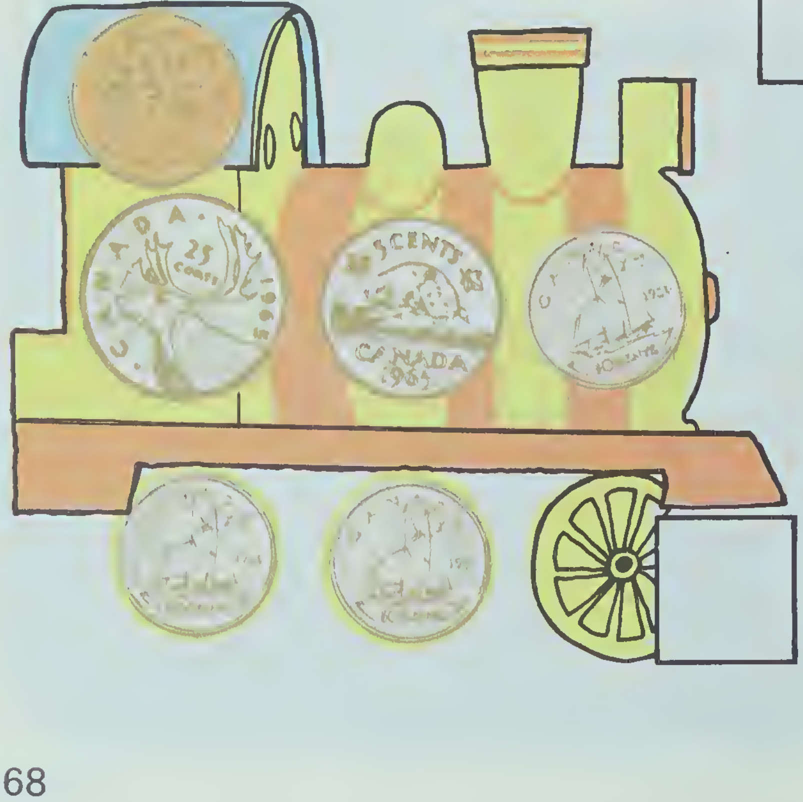


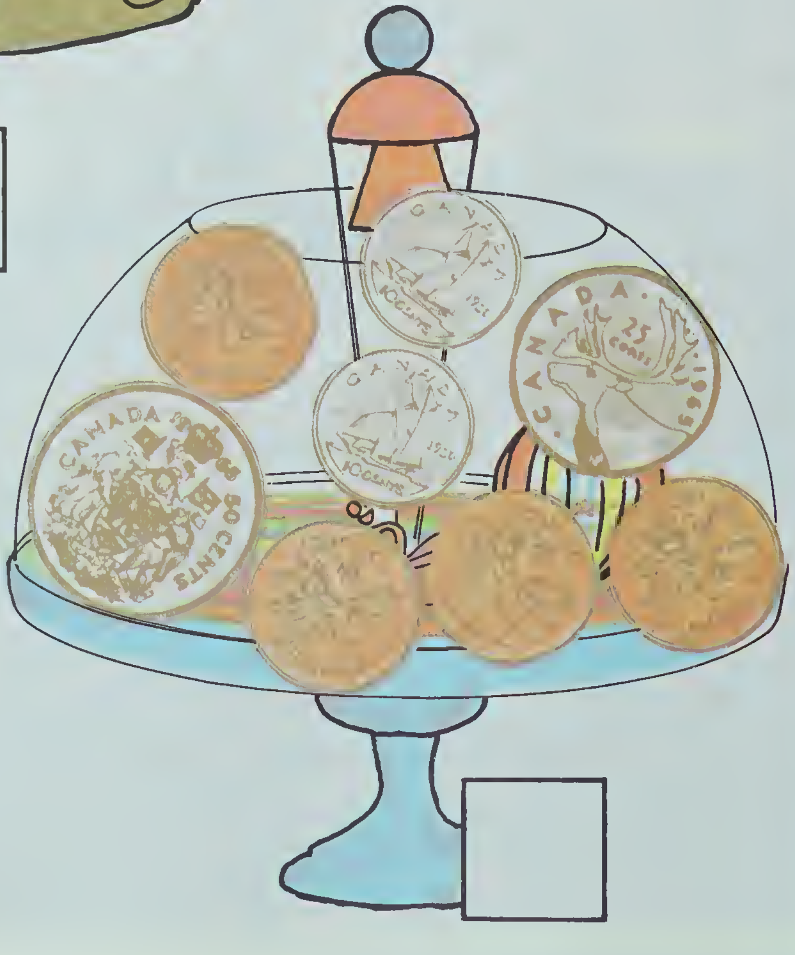
How much?

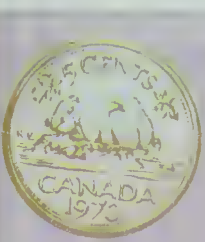


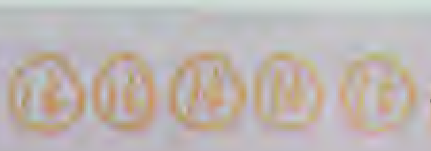


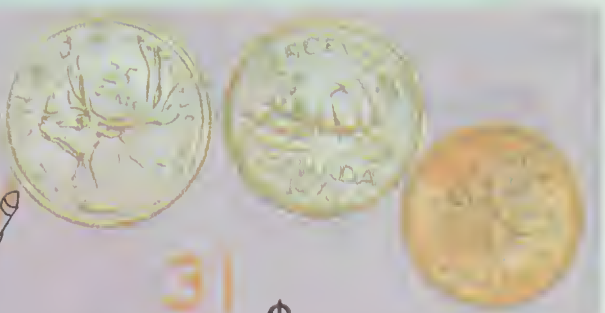








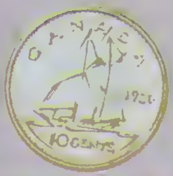




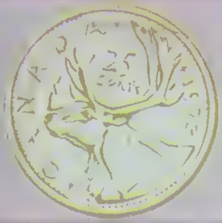
5 pennies

31 ¢

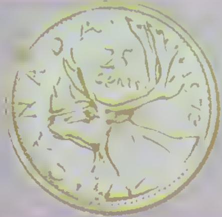
Draw coins to show the same amount.
How many of each coin did you use?



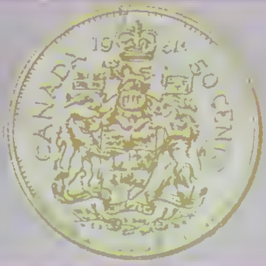
____ nickels



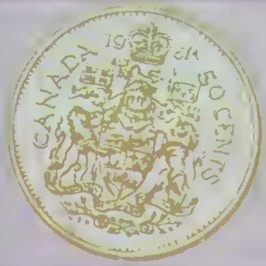
____ dimes and ____ nickel



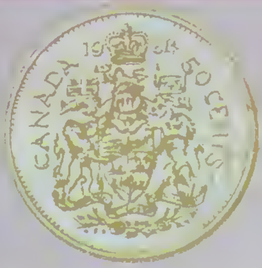
____ nickels



____ dimes

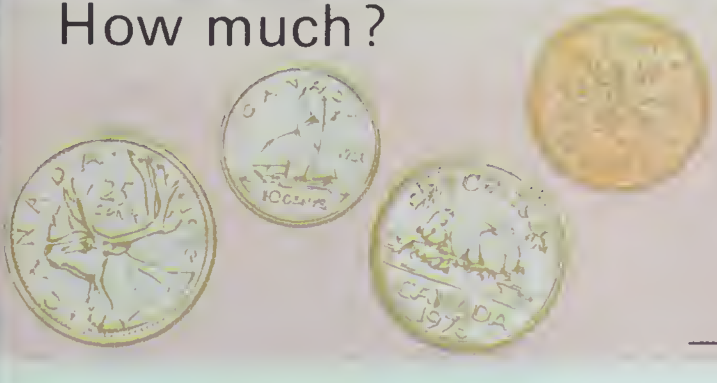


____ nickels

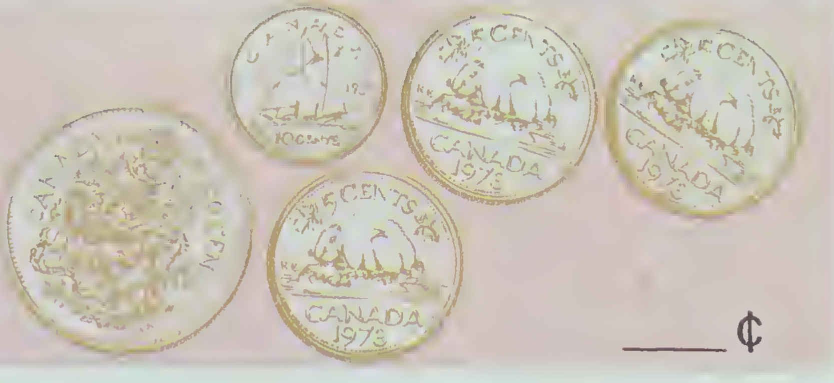


____ quarter, ____ dimes, and ____ nickel

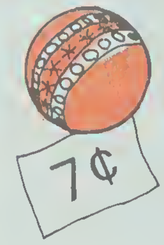
How much?



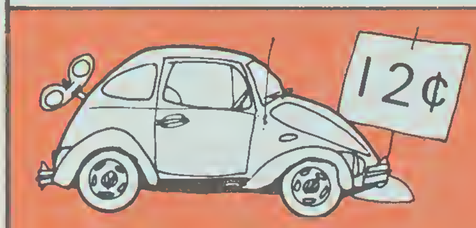
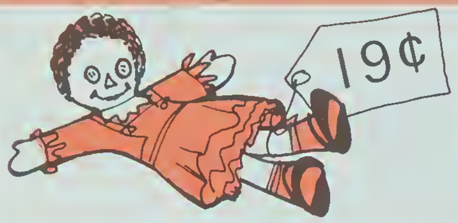
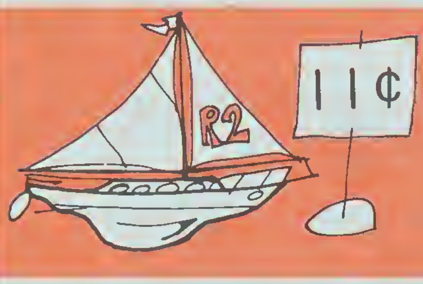
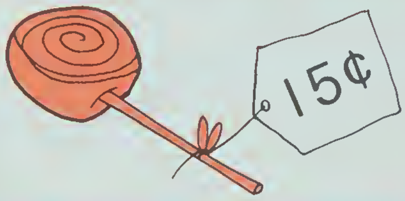
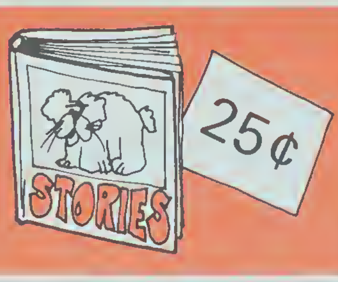
____ ¢

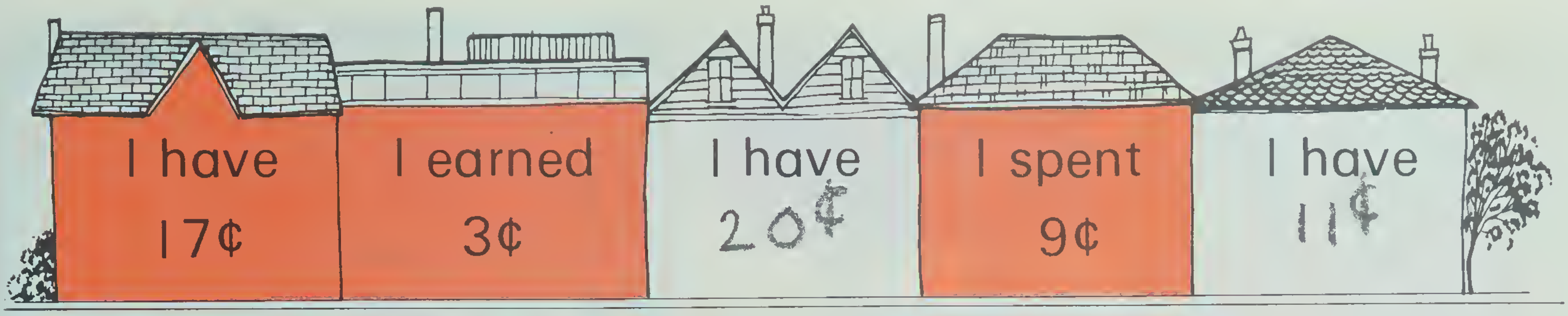


____ ¢

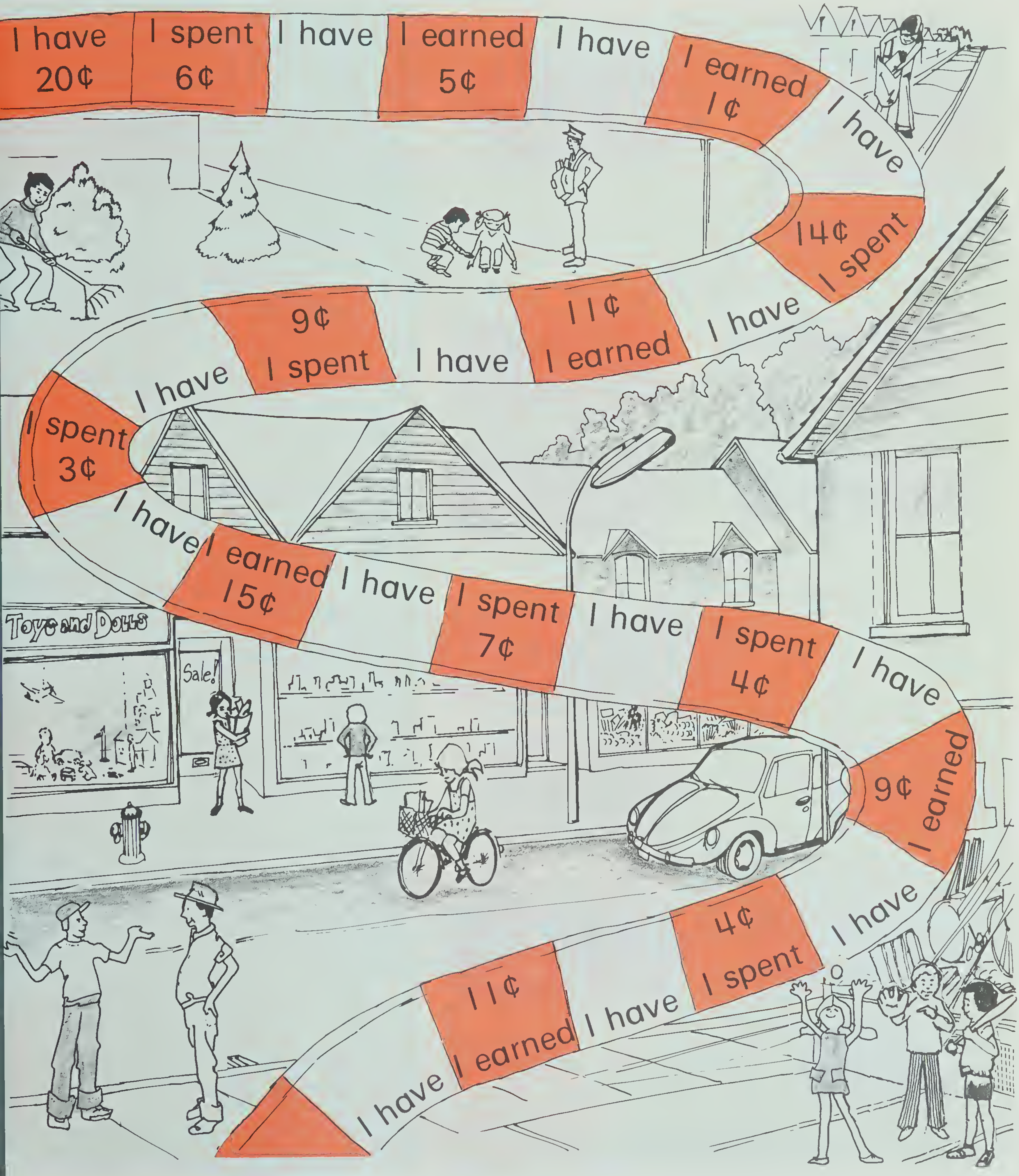
I bought	I gave the storekeeper	My change	I bought	I gave the storekeeper	My change
 7¢	10¢	1¢ 1¢ 1¢ 3 ¢	13 ¢	25 ¢	1¢ 1¢ 10¢ 12 ¢

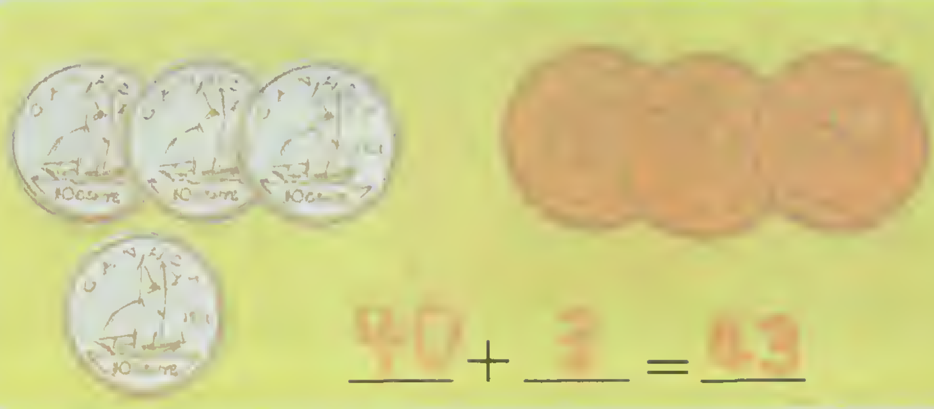
What is your change?

I bought	I gave the storekeeper	My change
 12¢	15¢	____¢
 19¢	25¢	____¢
 11¢	20¢	____¢
 15¢	25¢	____¢
 25¢	50¢	____¢
You choose. ____¢	____¢	____¢
____¢	____¢	____¢

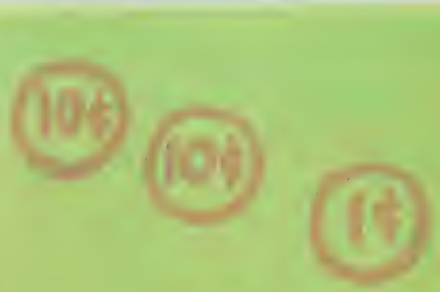

I have 17¢
I earned 3¢
I have 20¢
I spent 9¢
I have 11¢

Follow the money trail.


I have 20¢
I spent 6¢
I have
I earned 5¢
I have
I earned 1¢
I have
14¢ I spent
I have
11¢ I earned
I have
9¢ I spent
I have
I spent 3¢
I have
I earned 15¢
I have
I spent 7¢
I have
I spent 4¢
I have
9¢ I earned
I have
4¢ I spent
I have
11¢ I earned
I have
Toys and Dolls
Sale!

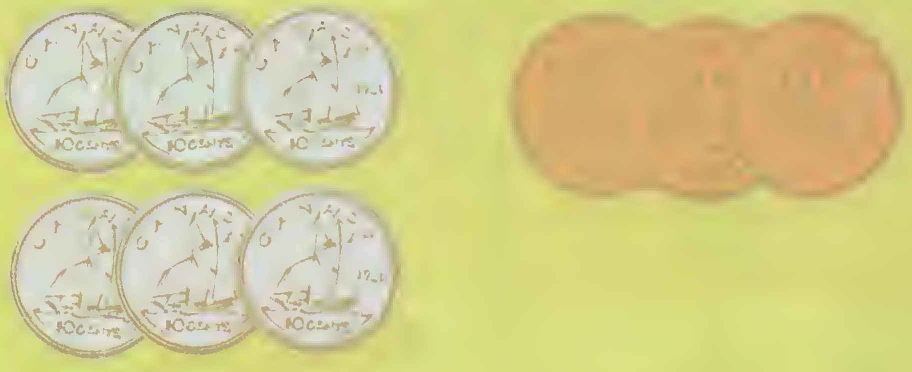


40 + 3 = 43



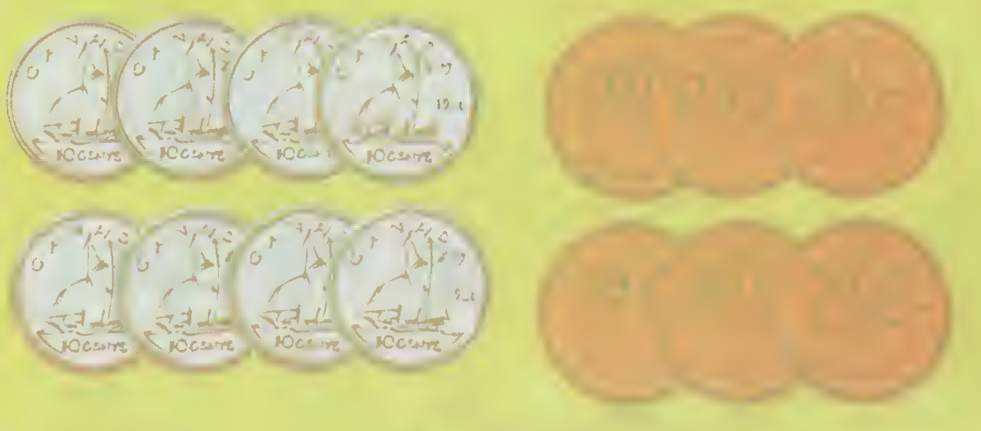
20 + 1 = 21

Complete.



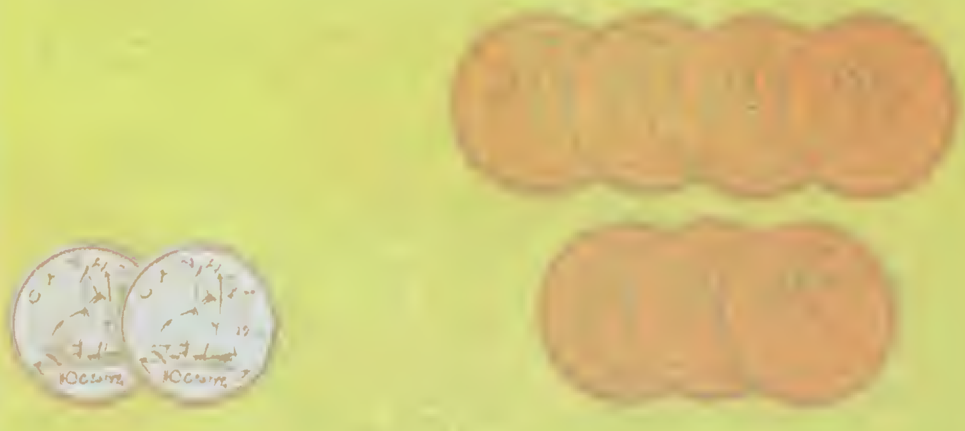
___ + ___ = ___

20 + 1 = ___



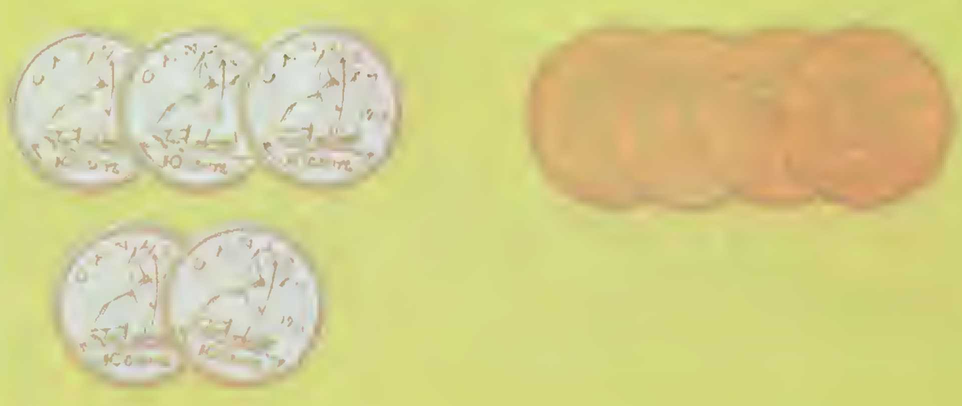
___ + ___ = ___

40 + ___ = 47



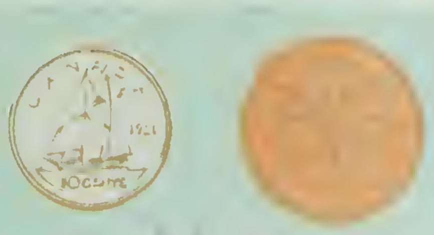
___ + ___ = ___

___ + ___ = 62



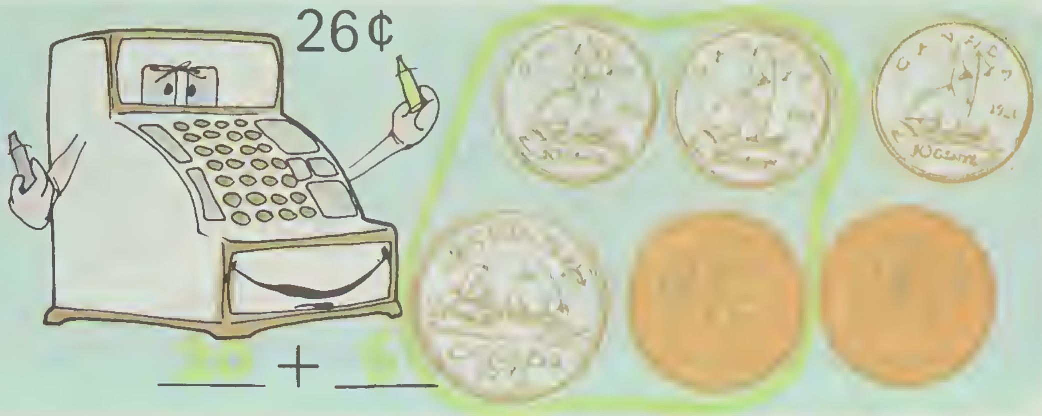
___ + ___ = ___

___ + 6 = 56



11

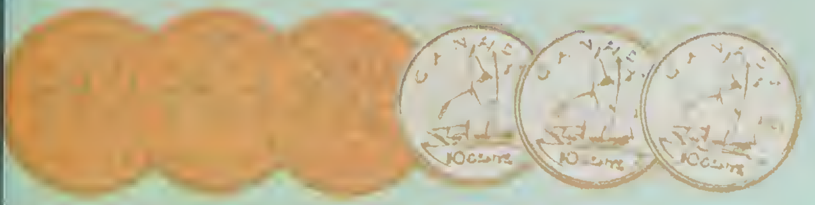
1 ten and 1



26¢

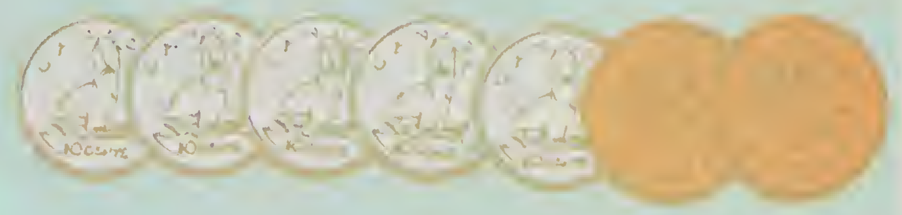
20 + 6

Complete.



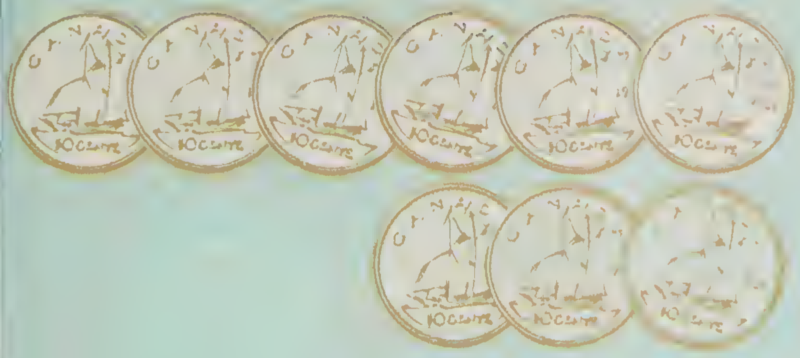
___

___ tens and ___



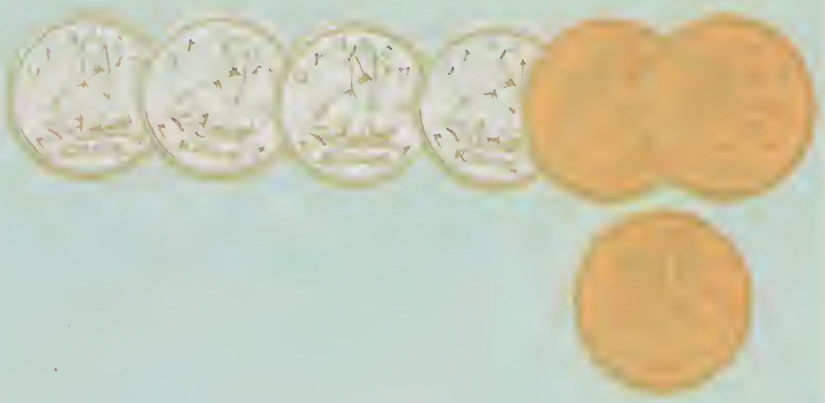
___

___ tens and ___



___

___ tens and ___

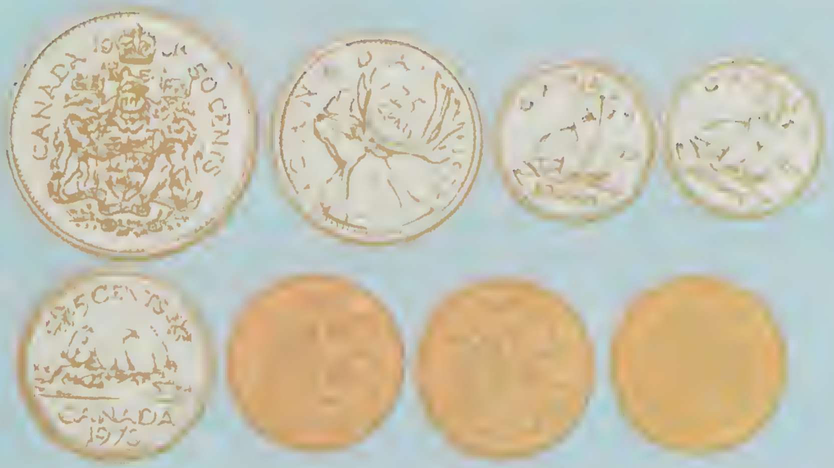


___

___ tens and ___

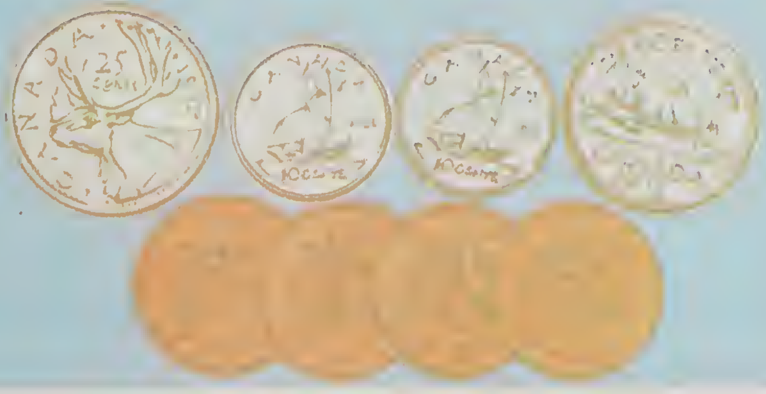
Circle the amount. How many tens and ones?

87¢



___ + ___

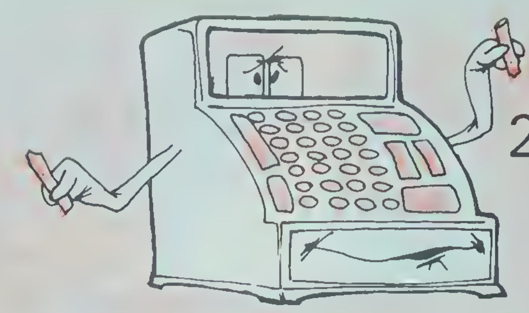
39¢



___ + ___

45¢ = 4 dimes and 1 nickel

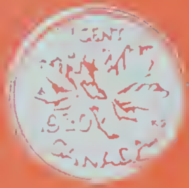
60¢ < 7 dimes



27¢ > 2 dimes and 2 pennies

Use >, <, or =.

29¢ 1 quarter, 1 nickel, and 4 pennies



75¢ 3 quarters

99¢ 1 fifty-cent piece, 4 dimes, and 1 nickel

54¢ 4 dimes, 1 nickel, and 4 pennies

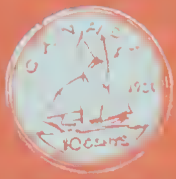
19¢ 1 dime, 1 nickel, and 3 pennies

32¢ 1 quarter and 6 pennies

48¢ 1 quarter, 2 dimes, and 3 pennies

65¢ 1 fifty-cent piece and 3 nickels

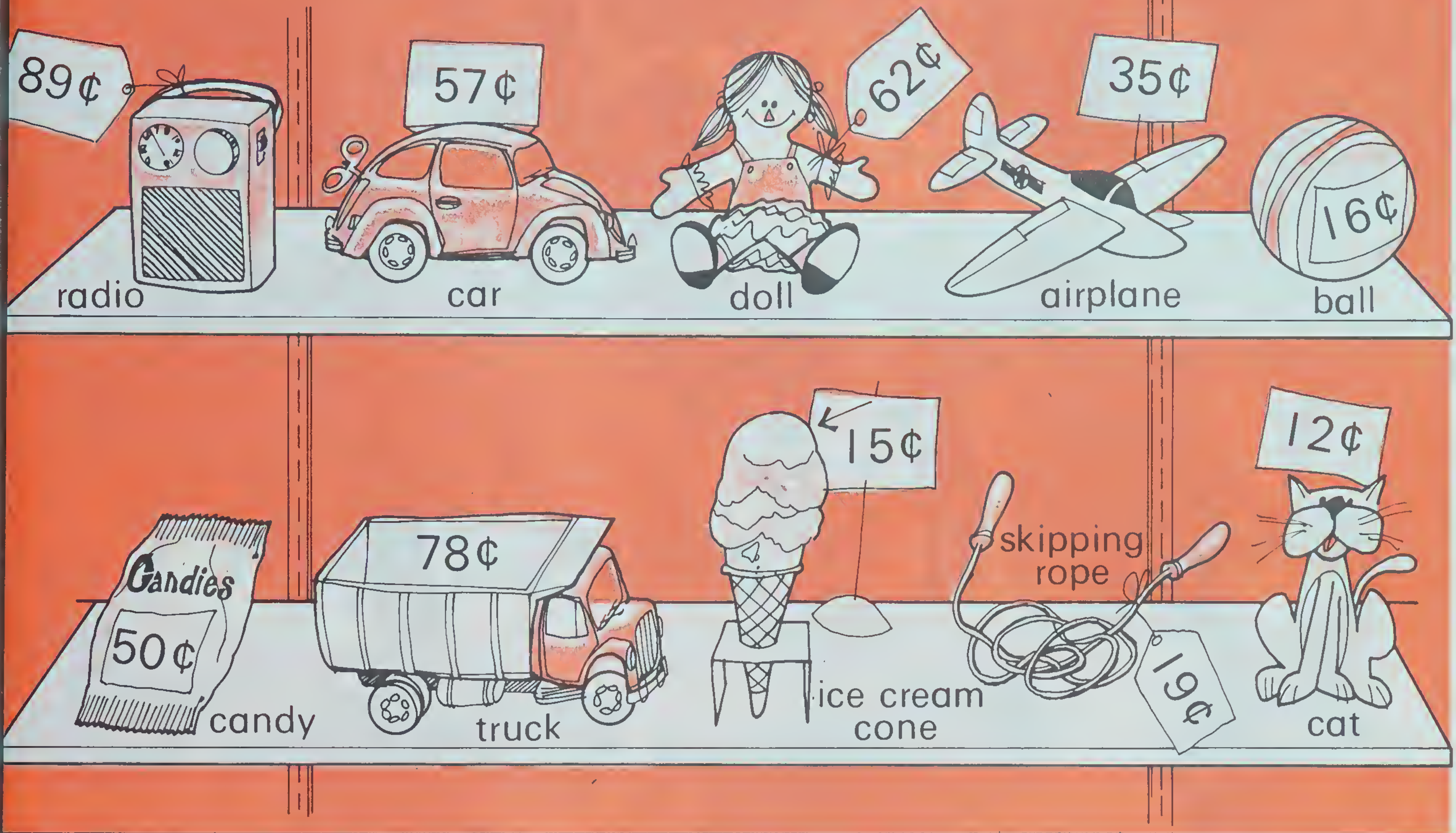
41¢ 1 quarter and 2 dimes



80¢ 1 fifty-cent piece, 2 dimes, and 2 nickels

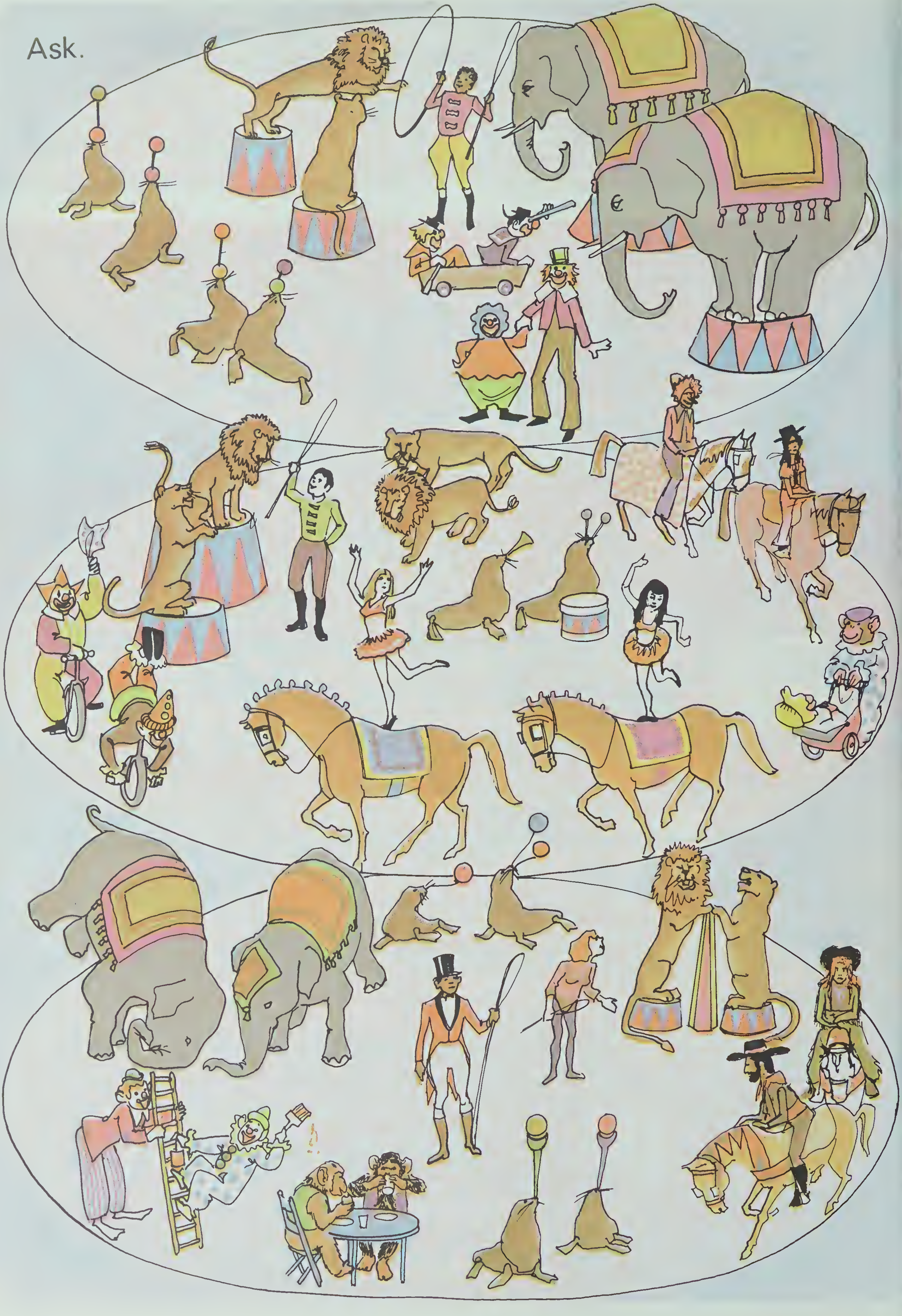
I had	I bought	Now I have
50¢	cat 12¢	38¢

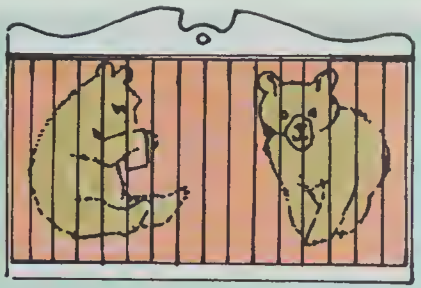
Let's go shopping.

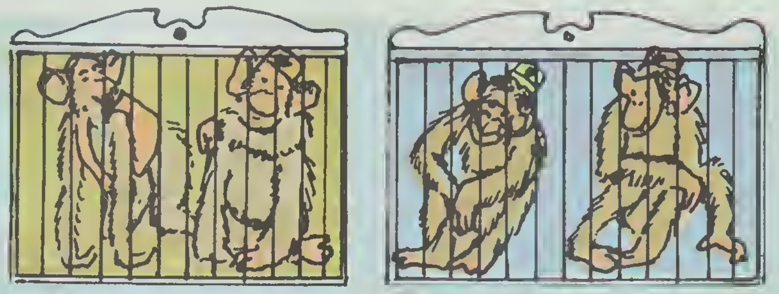

89¢
radio
57¢
car
62¢
doll
35¢
airplane
16¢
ball
Candies
50¢
candy
78¢
truck
15¢
ice cream cone
skipping rope
19¢
12¢
cat

I had	I bought	Now I have
75¢		
99¢		
25¢		
60¢		
20¢		
99¢		
50¢		

Ask.







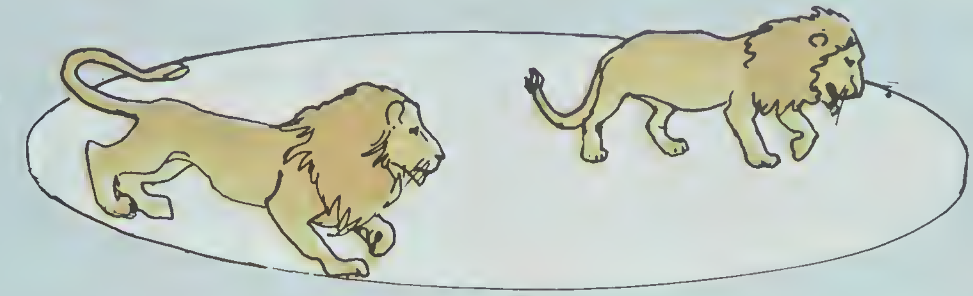
I set of 2 bears

The number of bears is 2.

2 sets of 2 monkeys

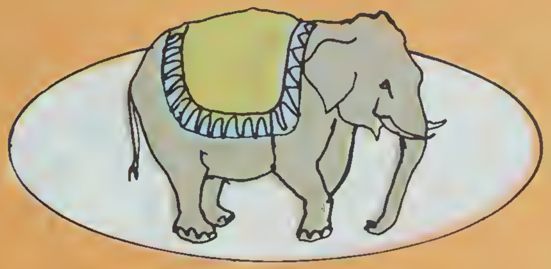
4 monkeys

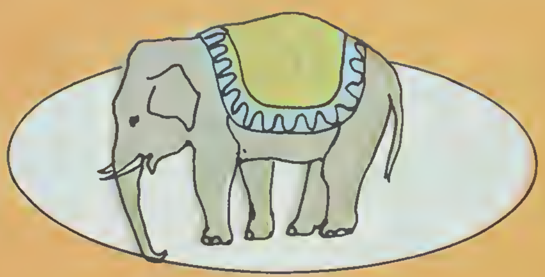
Complete.



I set of 2 lions

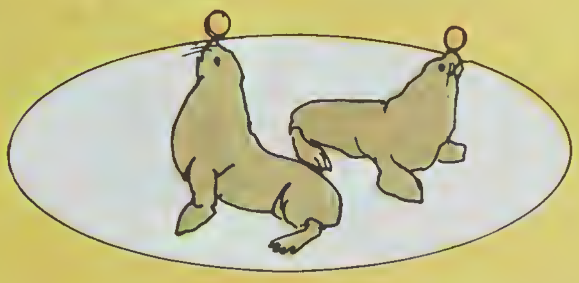
The number of lions is ____.

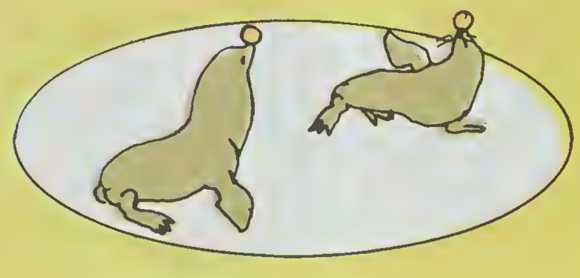




2 sets of I elephant

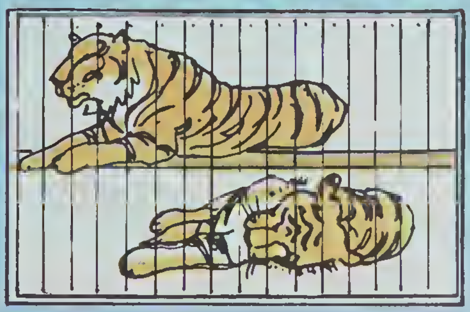
The number of elephants is ____.

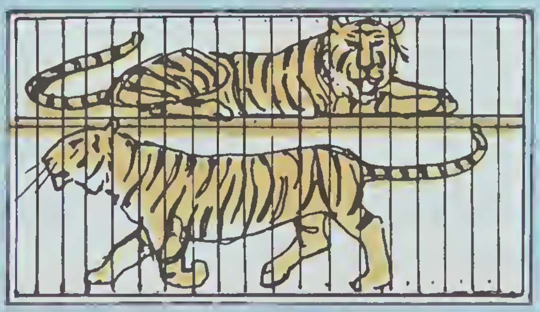


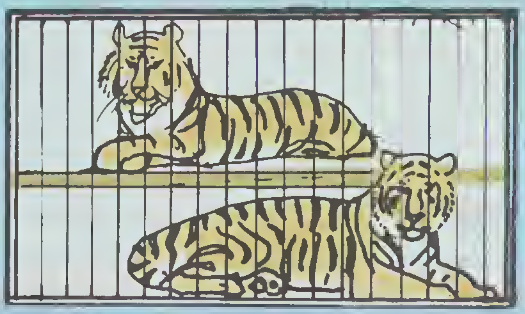


____ sets of ____ seals

____ seals

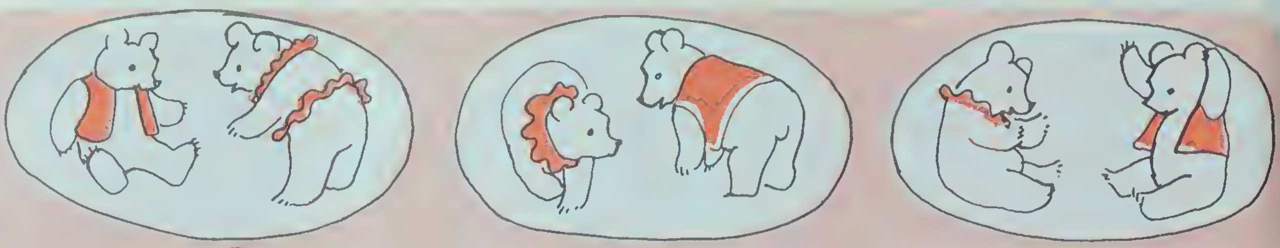






____ sets of ____ tigers

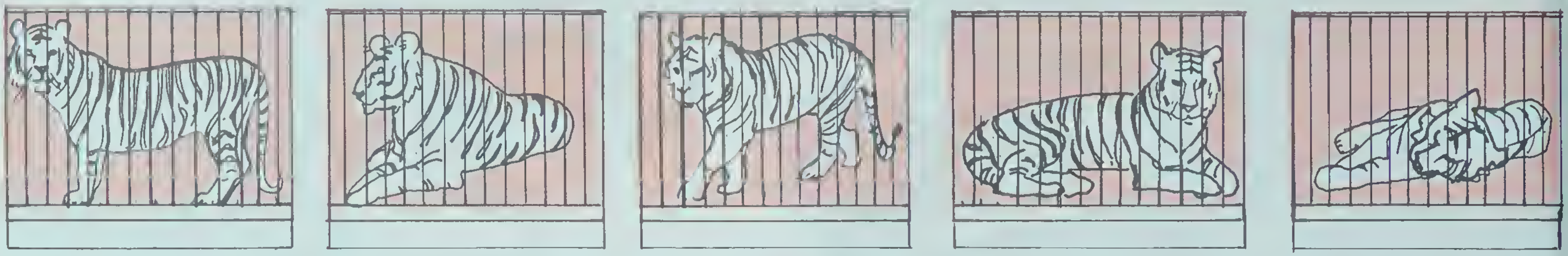
____ tigers



3 sets of 2 bears

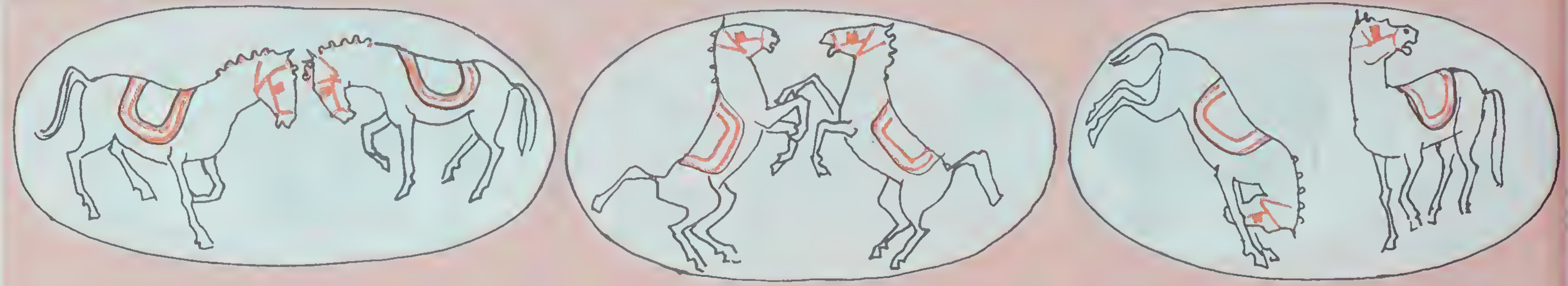
6 bears

Complete.



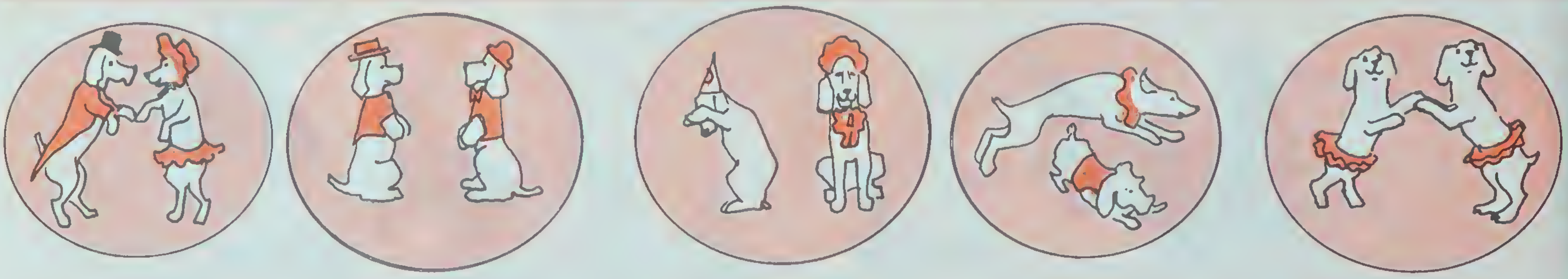
5 sets of 1 tiger

The number of tigers is ____.



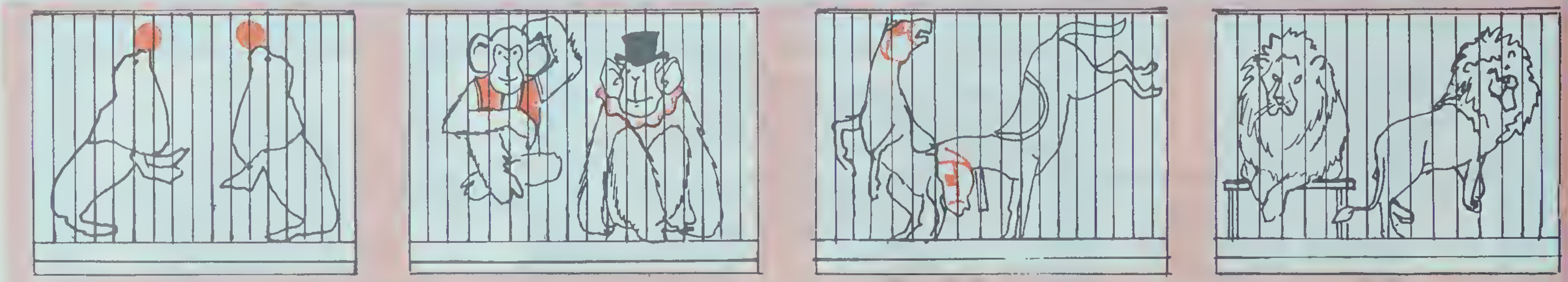
3 sets of ____ horses

The number of horses is ____.



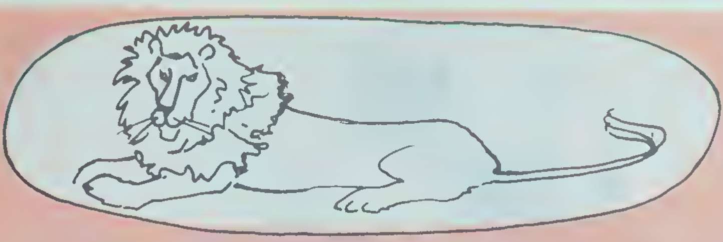
____ sets of 2 dogs

The number of dogs is ____.



____ sets of 2 animals

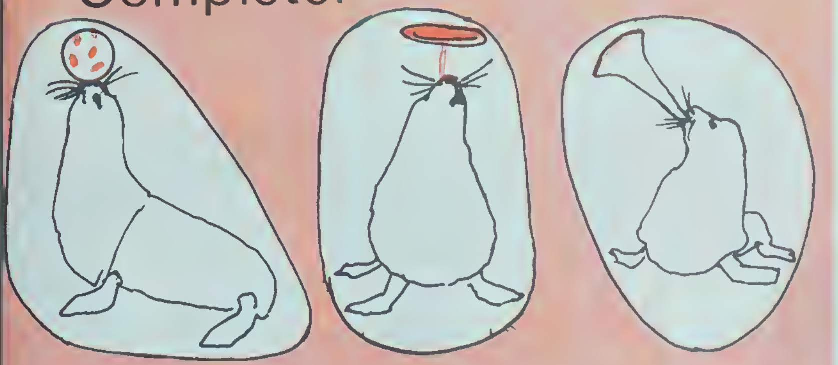
____ animals



1 set of 1 lion

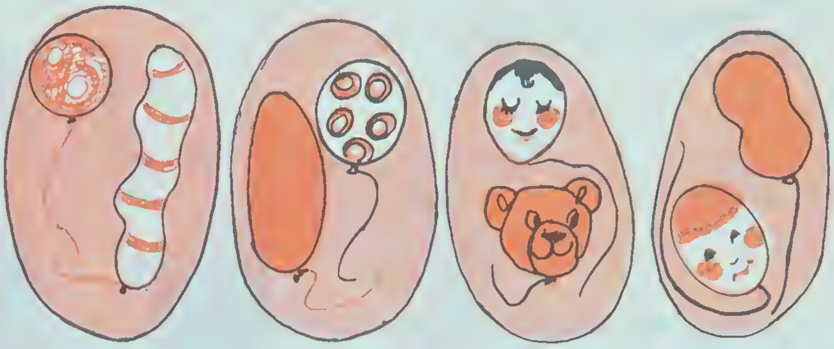
1 × 1 = 1

Complete.



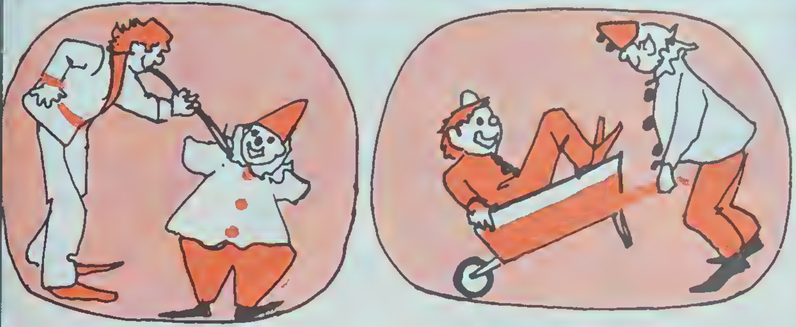
3 sets of 1 seal

3 × 1 = ___



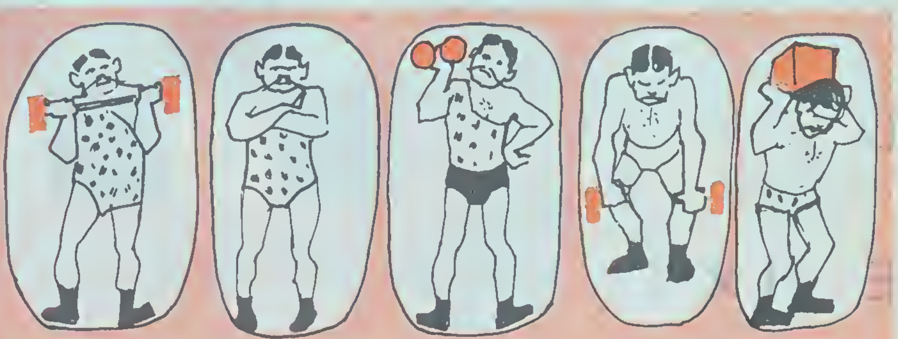
4 sets of 2 balloons

4 × 2 = ___



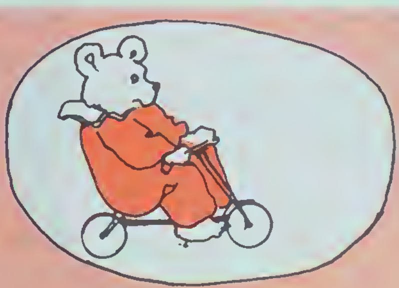
2 sets of 2 clowns

2 × 2 = ___



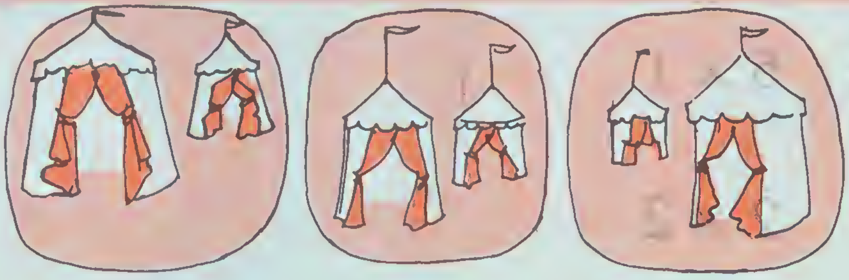
5 sets of 1 strong man

5 × 1 = ___



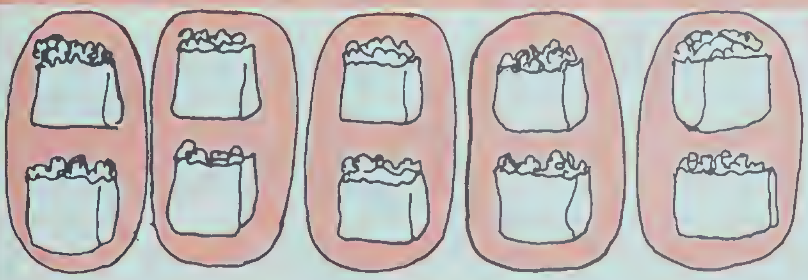
1 set of 1 bear

1 × 1 = ___



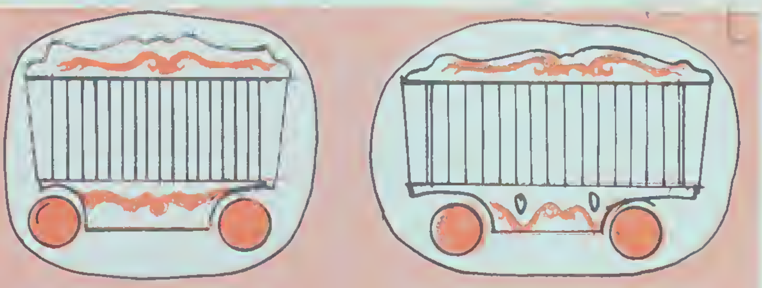
3 sets of 2 tents

3 × 2 = ___



5 sets of 2 bags of popcorn

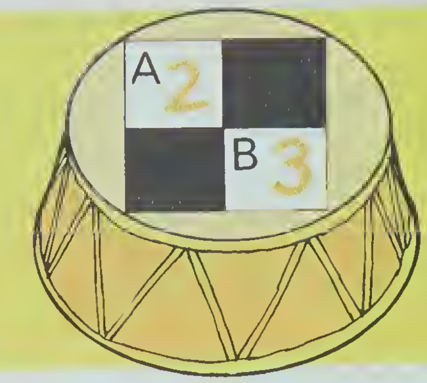
5 × 2 = ___



2 sets of 1 cage

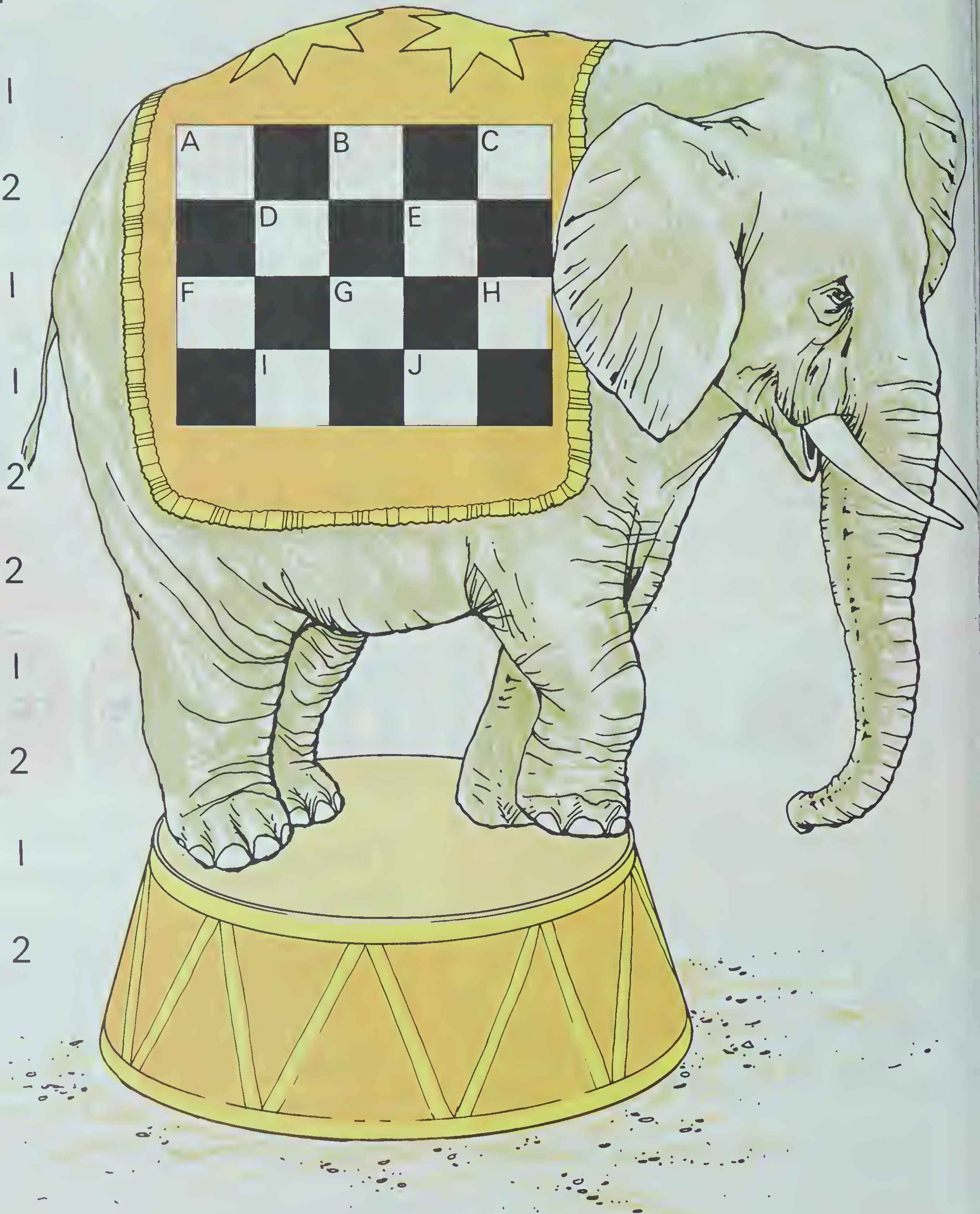
2 × 1 = ___

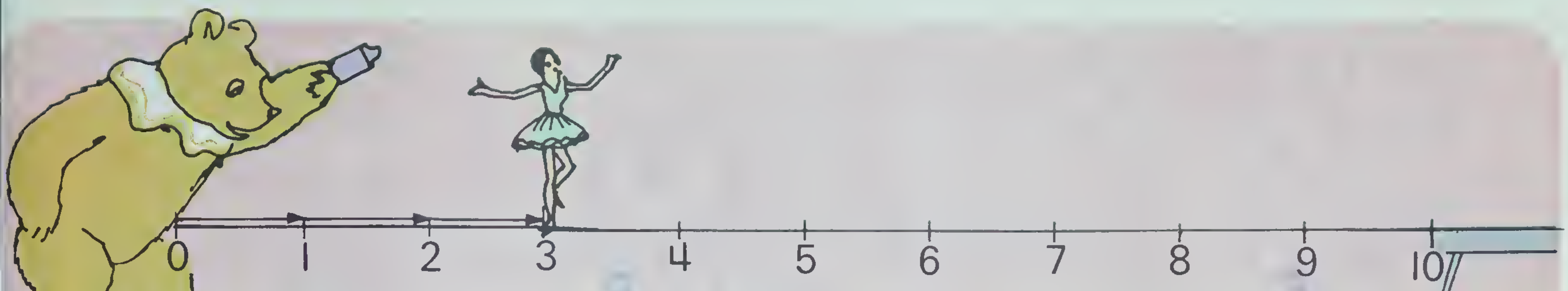
A	2 × 1
B	3 × 1



Complete.

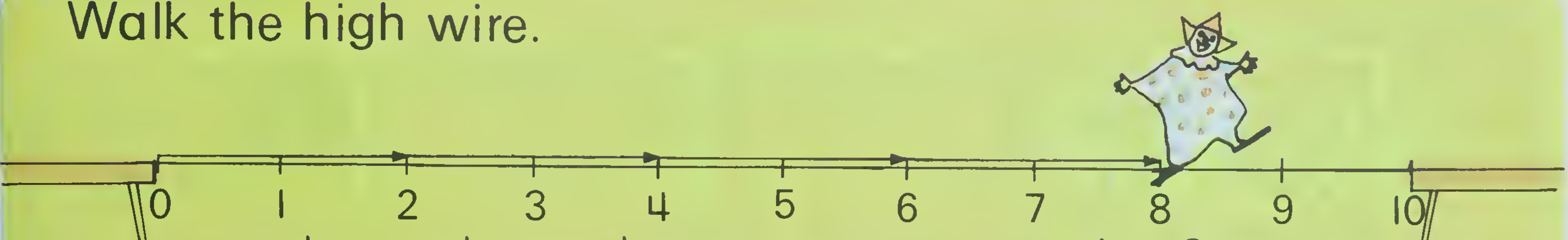
A	1 × 1
B	3 × 2
C	4 × 1
D	2 × 1
E	1 × 2
F	4 × 2
G	5 × 1
H	2 × 2
I	3 × 1
J	5 × 2


A
B
C
D
E
F
G
H
I
J

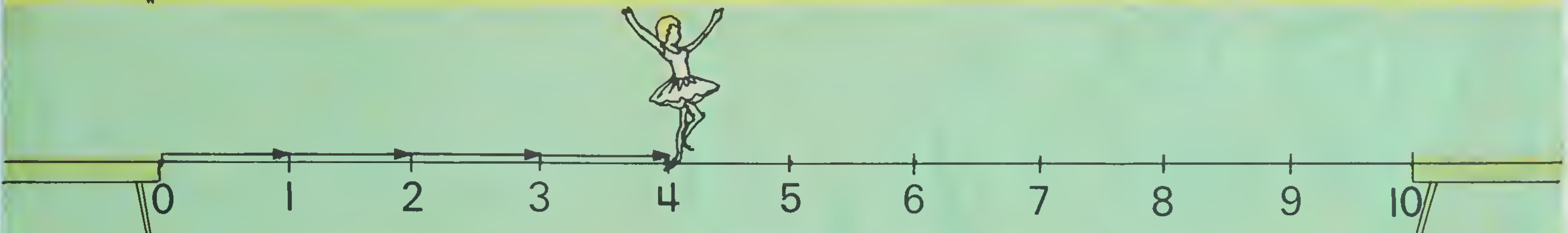

0
1
2
3
4
5
6
7
8
9
10

1 + 1 + 1 = 3   3 × 1 = 3

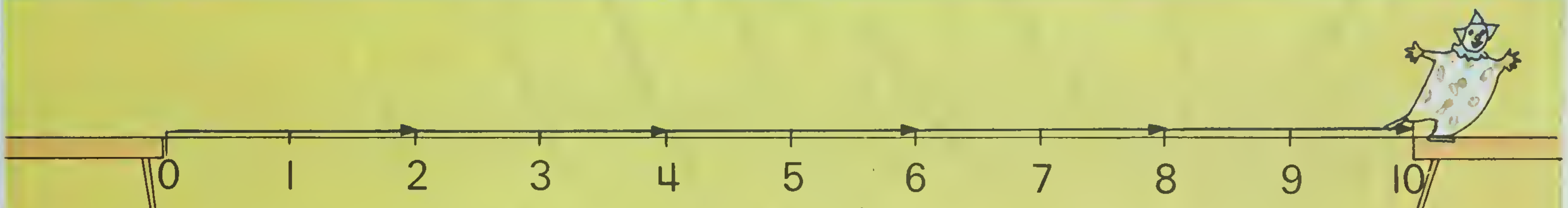
Walk the high wire.


0
1
2
3
4
5
6
7
8
9
10

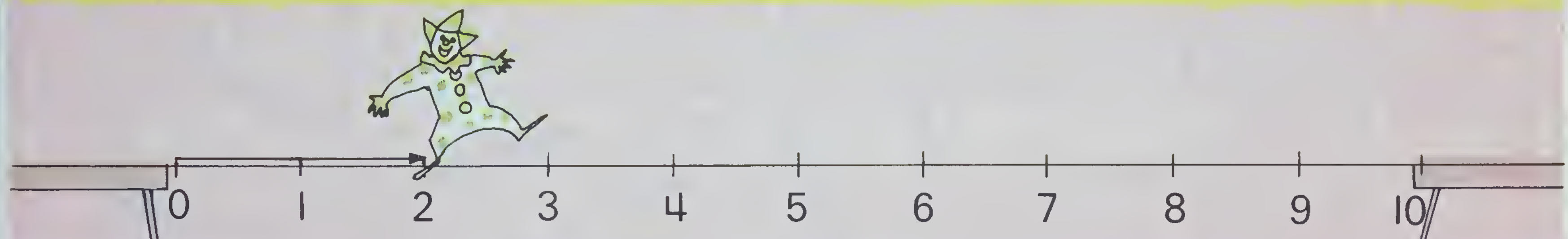
___ + ___ + ___ + ___ = ___   4 × 2 = ___


0
1
2
3
4
5
6
7
8
9
10

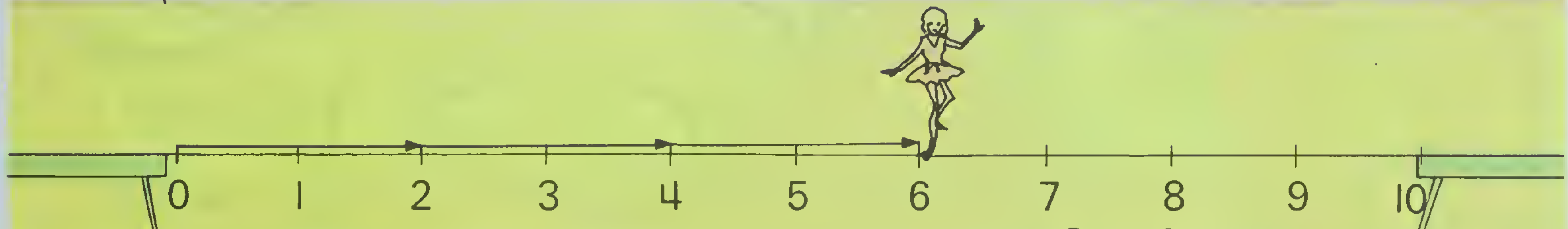
1 + 1 + 1 + 1 = ___   ___ × ___ = ___


0
1
2
3
4
5
6
7
8
9
10

2 + 2 + 2 + 2 + 2 = ___   5 × 2 = ___


0
1
2
3
4
5
6
7
8
9
10

2   1 × 2 = ___


0
1
2
3
4
5
6
7
8
9
10

___ + ___ + ___ = ___   3 × 2 = ___

Create a story problem.

$a = 1 \times 1$
$a =$ 1

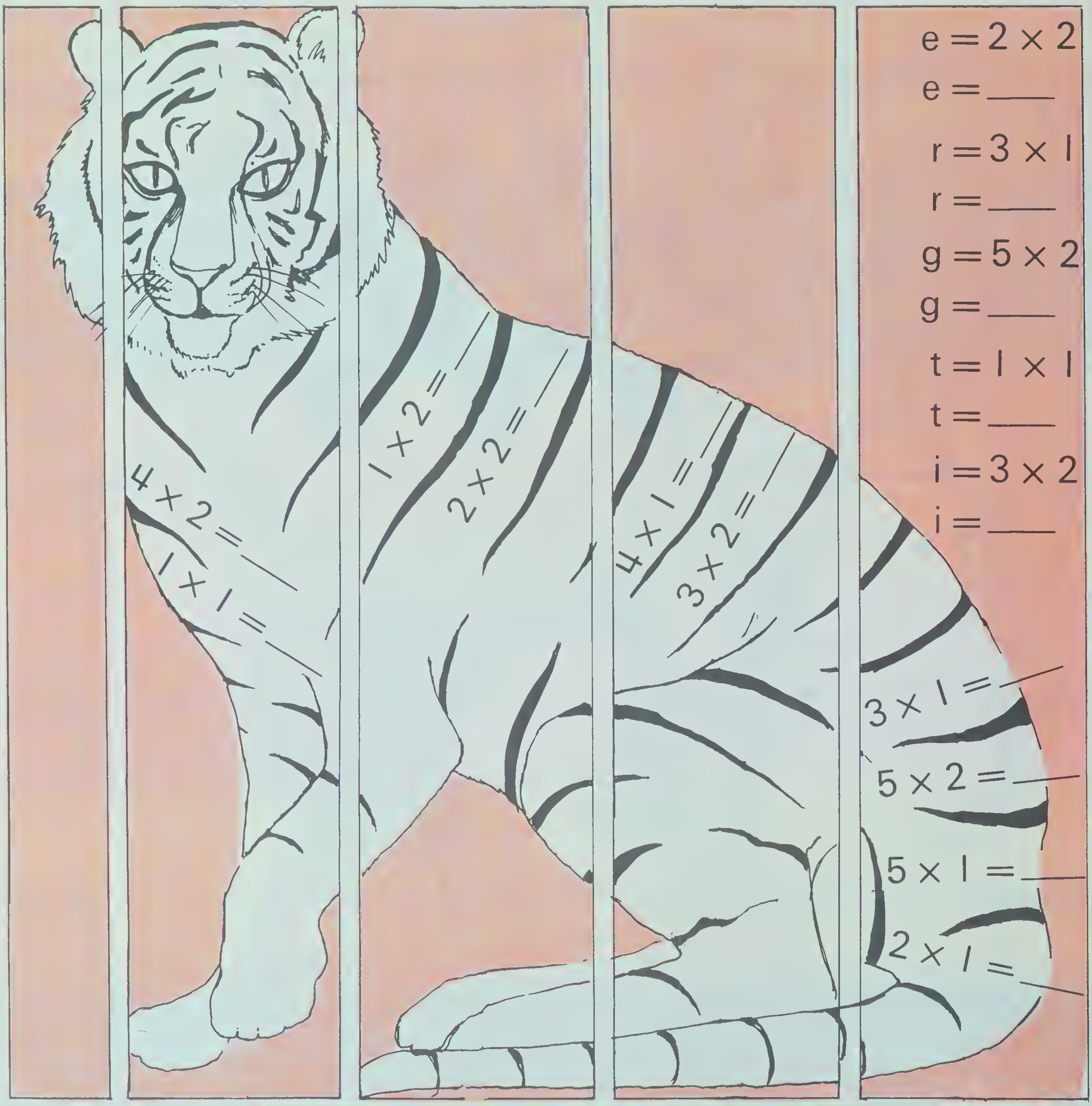
$b = 3 \times 1$
$b =$ 3

$r = 2 \times 1$
$r =$ 2

$e = 2 \times 2$
$e =$ 4

b e a r
3 4 1 2

Complete.


4 × 2 = ___
1 × 1 = ___
1 × 2 = ___
2 × 2 = ___
4 × 1 = ___
3 × 2 = ___
3 × 1 = ___
5 × 2 = ___
5 × 1 = ___
2 × 1 = ___

$e = 2 \times 2$
$e =$ ___

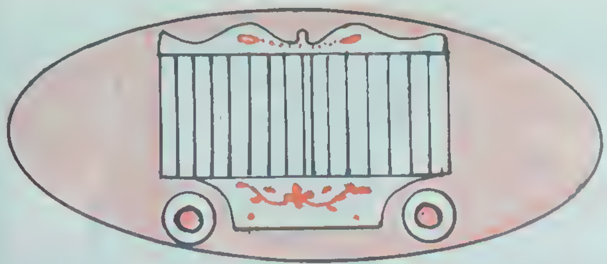
$r = 3 \times 1$
$r =$ ___

$g = 5 \times 2$
$g =$ ___

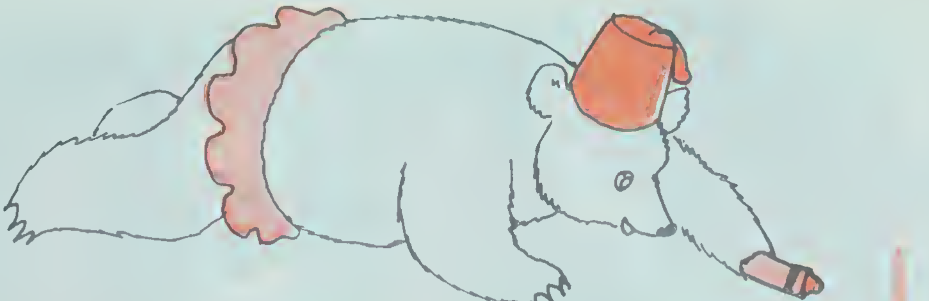
$t = 1 \times 1$
$t =$ ___

$i = 3 \times 2$
$i =$ ___

___ ___ ___ ___ ___
1 6 10 4 3

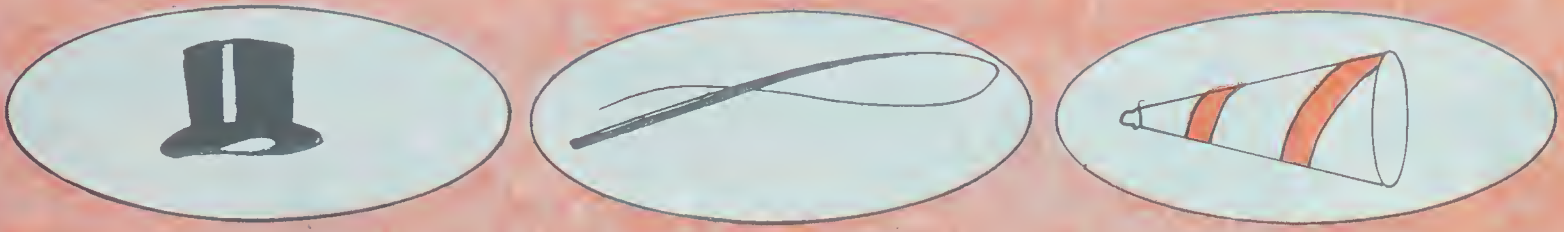


1 set of 1 object



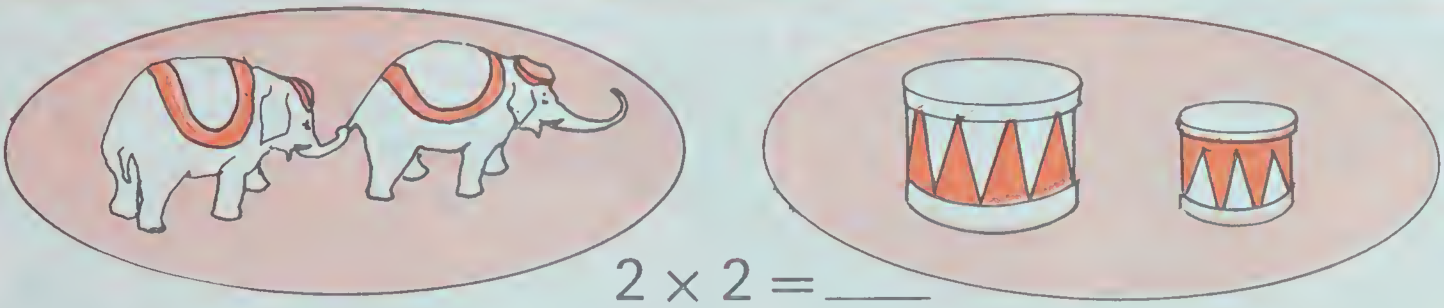
The number of objects is 1.

Complete.

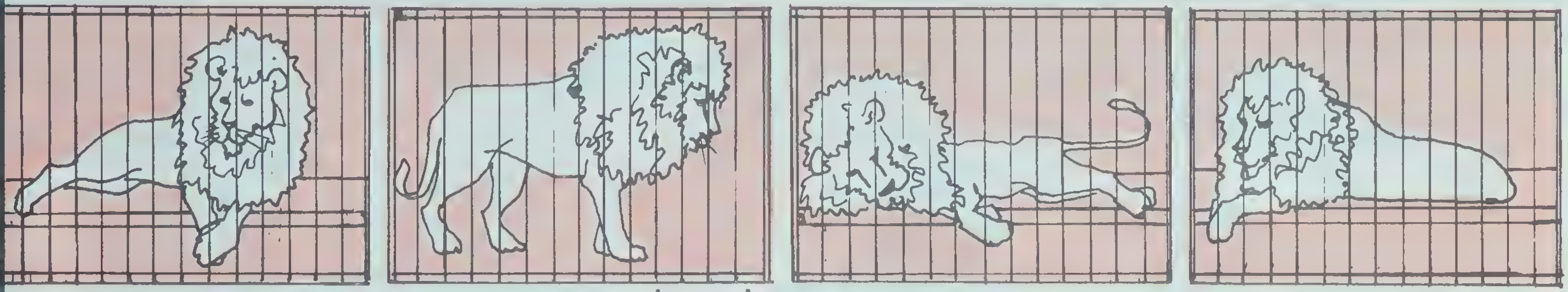


3 sets of 1 object

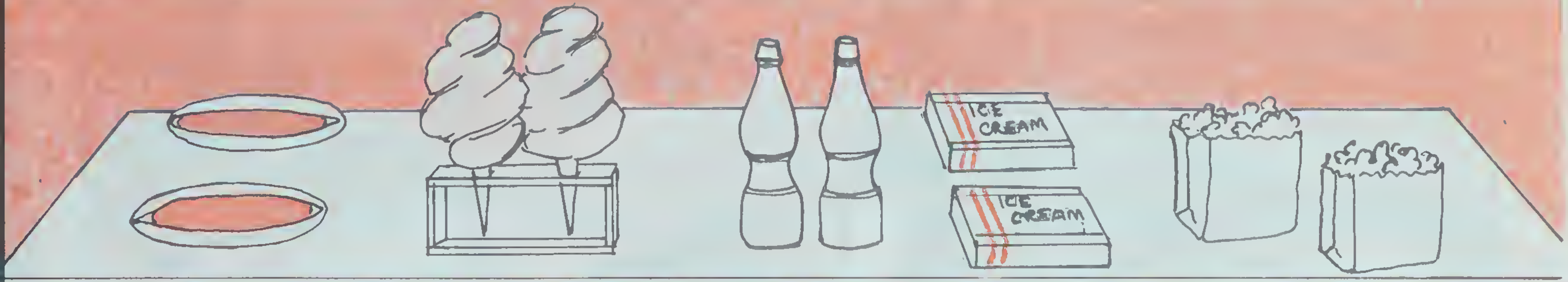
The number of objects is ___.



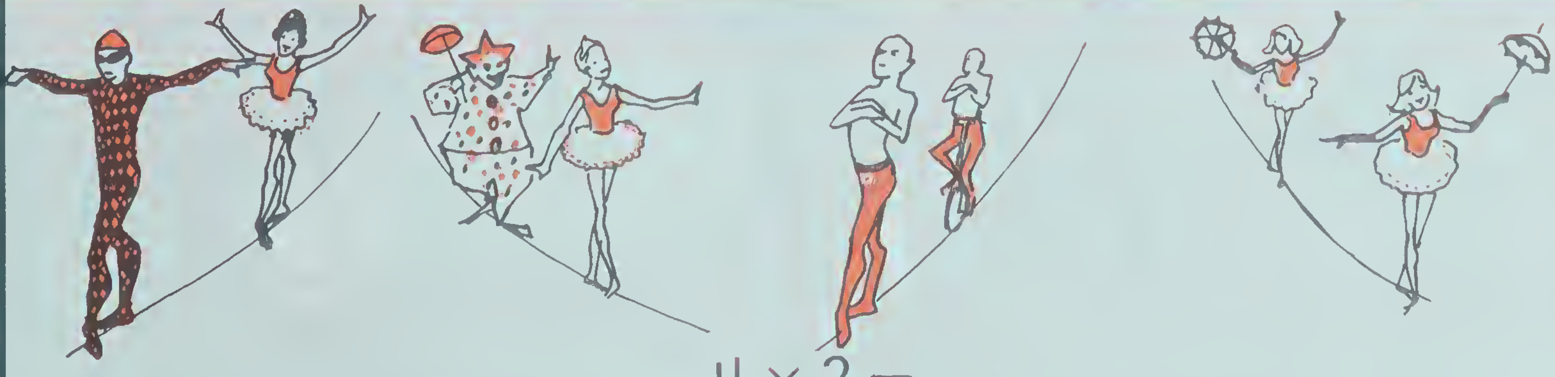
2 × 2 = ___



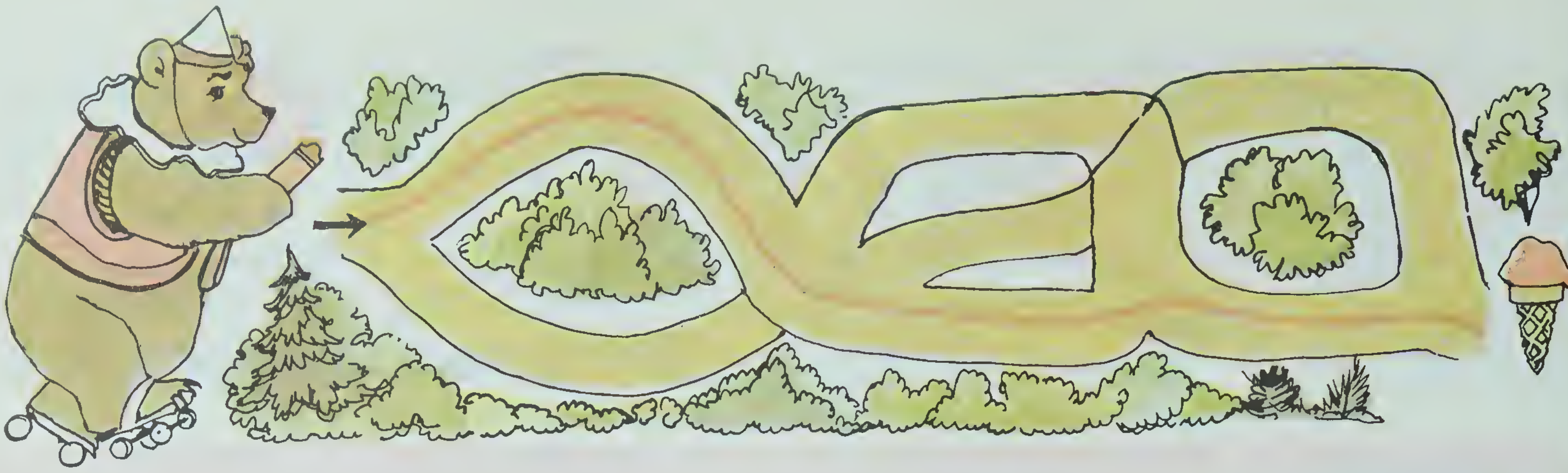
4 × 1 = ___


ICE CREAM
ICE CREAM

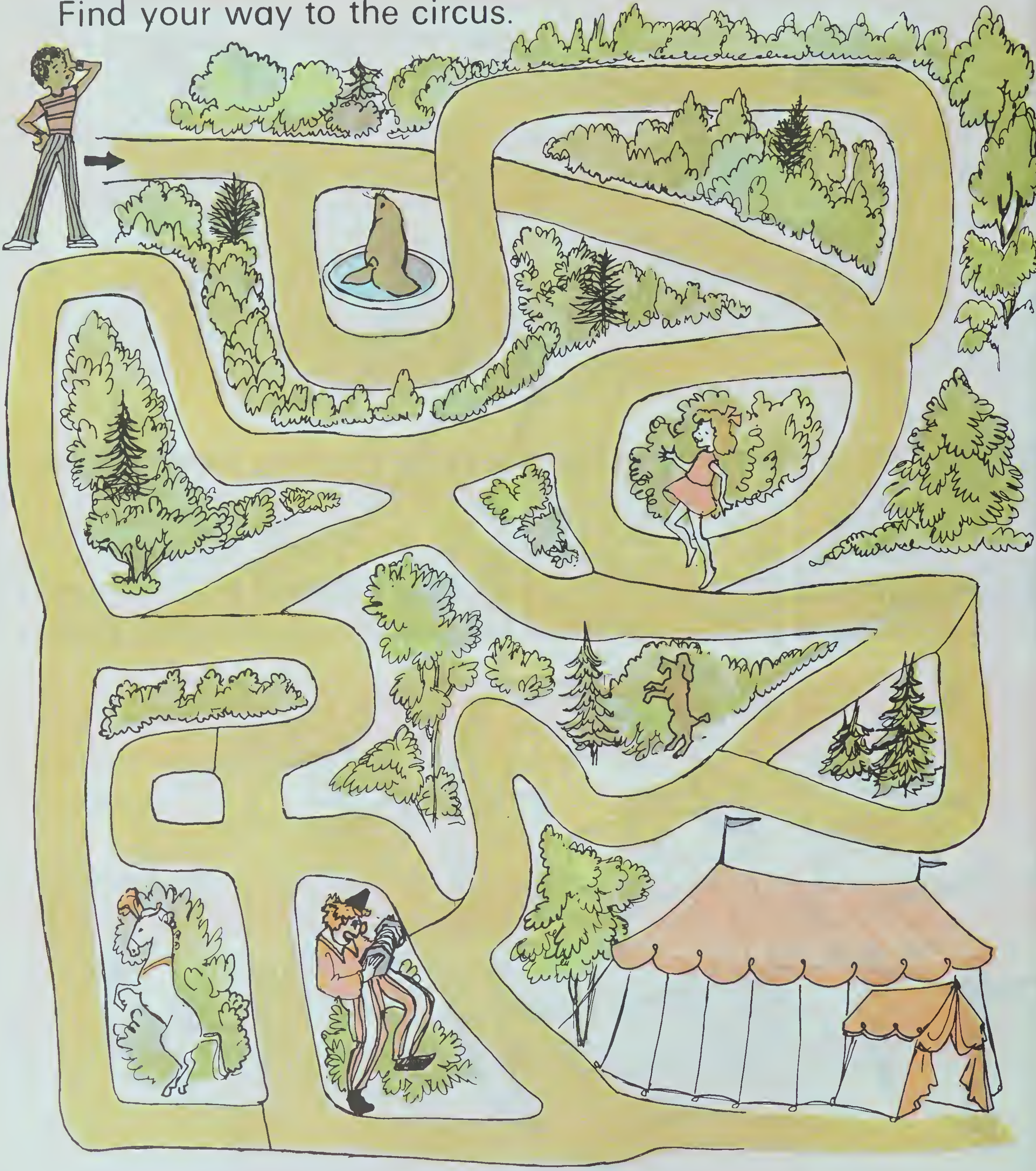
5 × 2 = ___

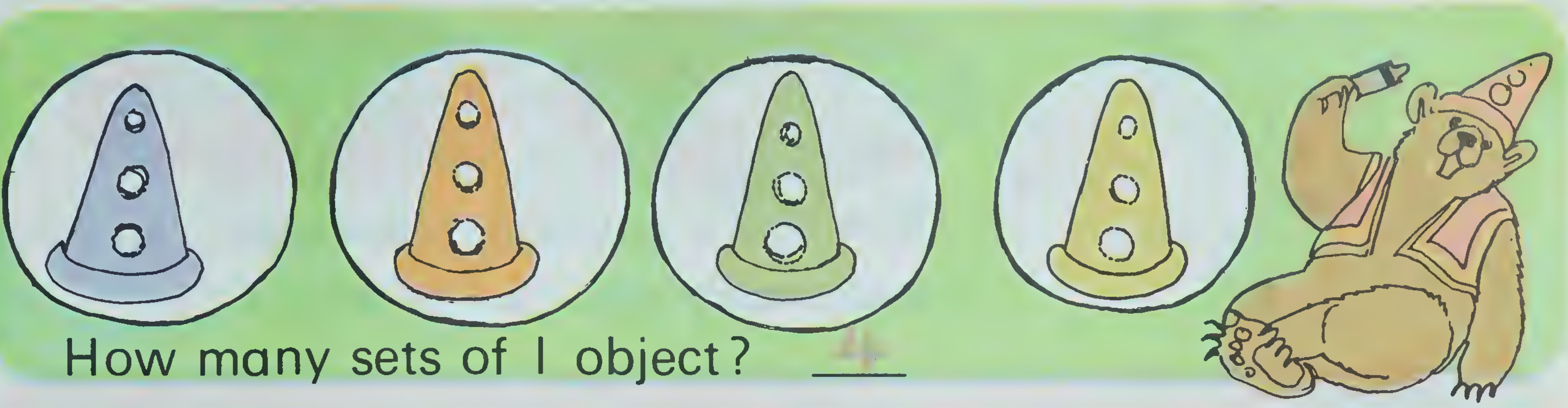


4 × 2 = ___



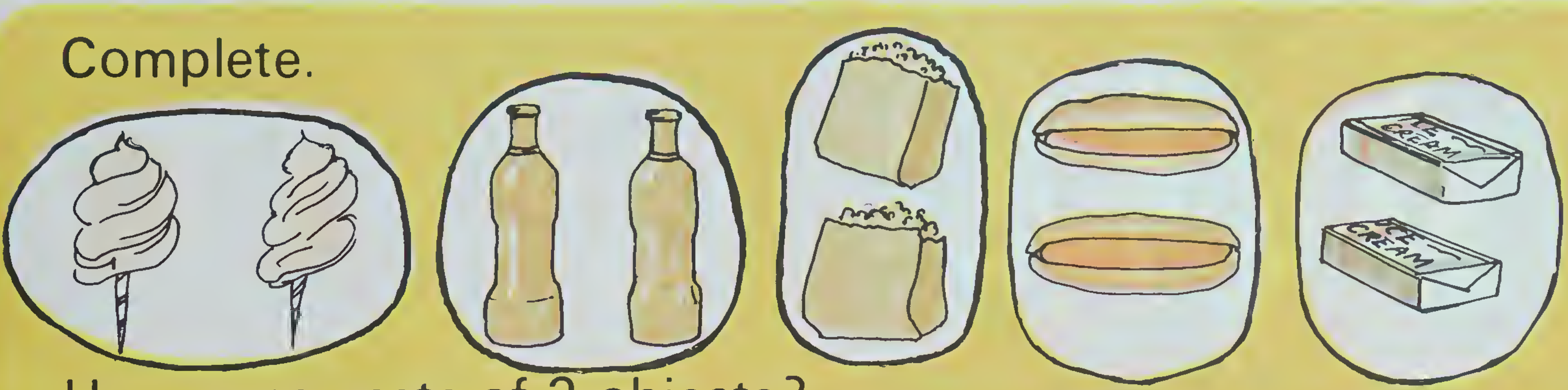
Find your way to the circus.



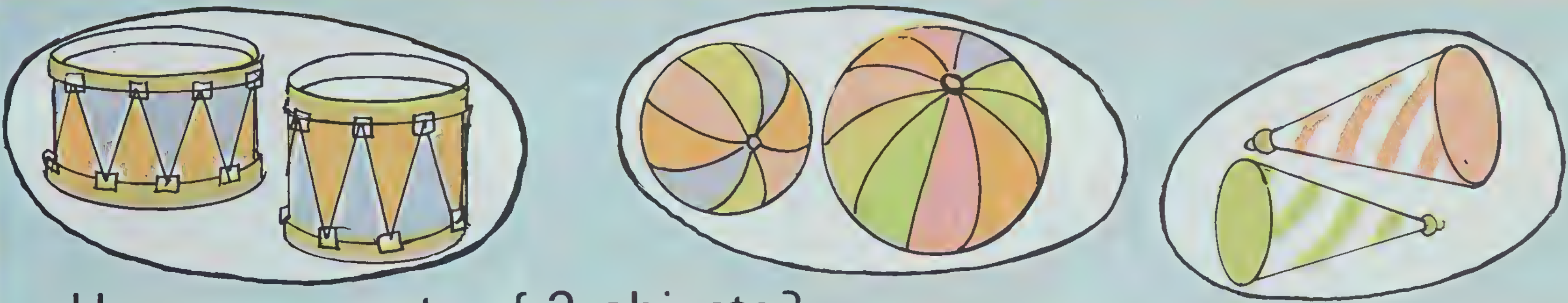


How many sets of 1 object? 4

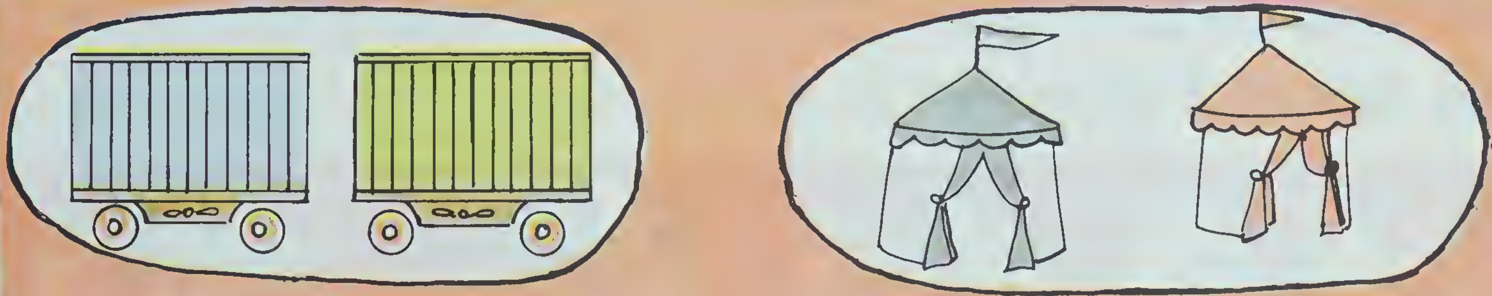
Complete.


ICE CREAM
ICE CREAM

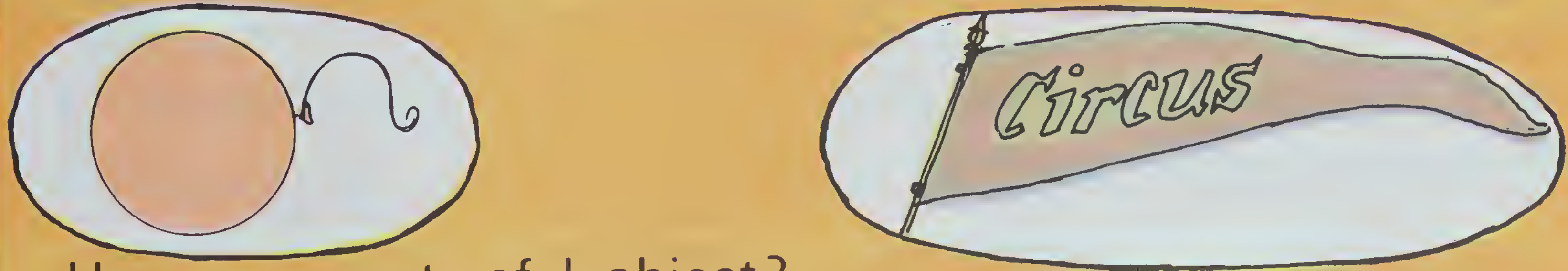
How many sets of 2 objects? ___



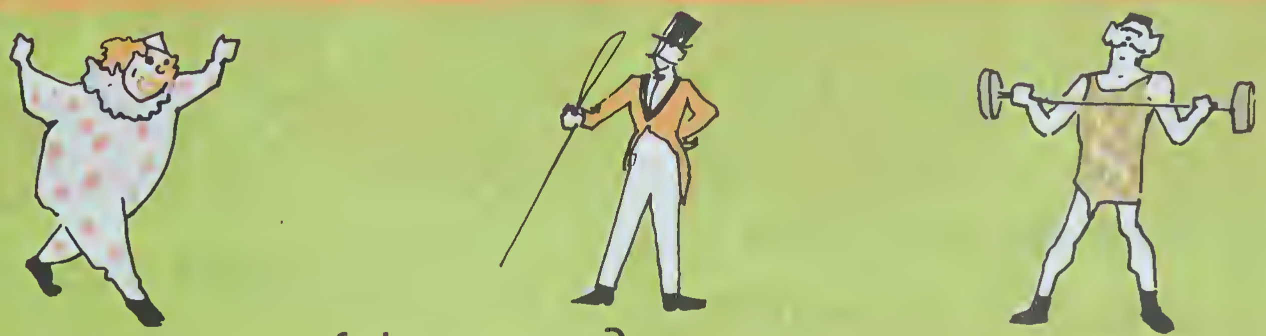
How many sets of 2 objects? ___



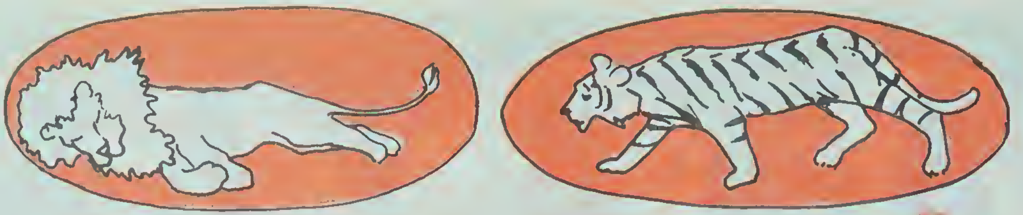
How many sets of 2 objects? ___



How many sets of 1 object? ___



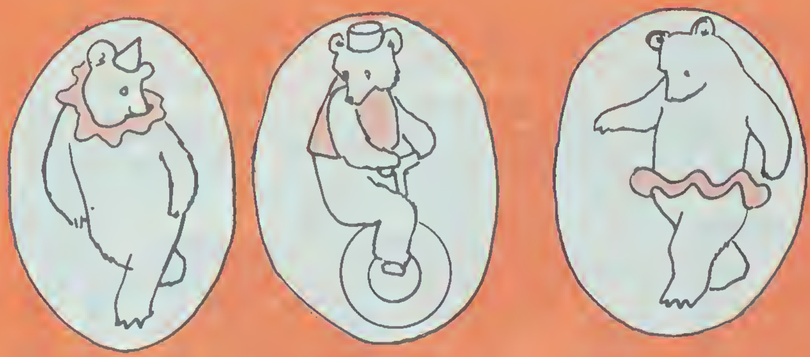
How many sets of 1 person? ___



How many animals are there? 2

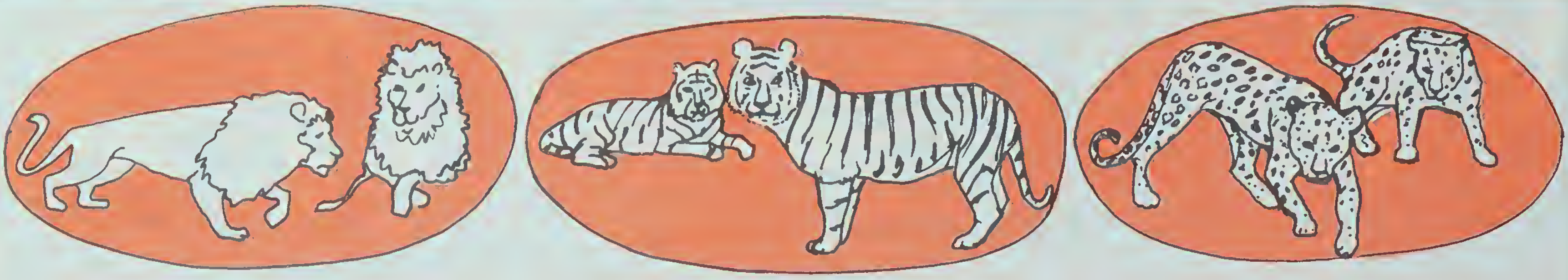
How many sets of 1 animal? 2

Complete.



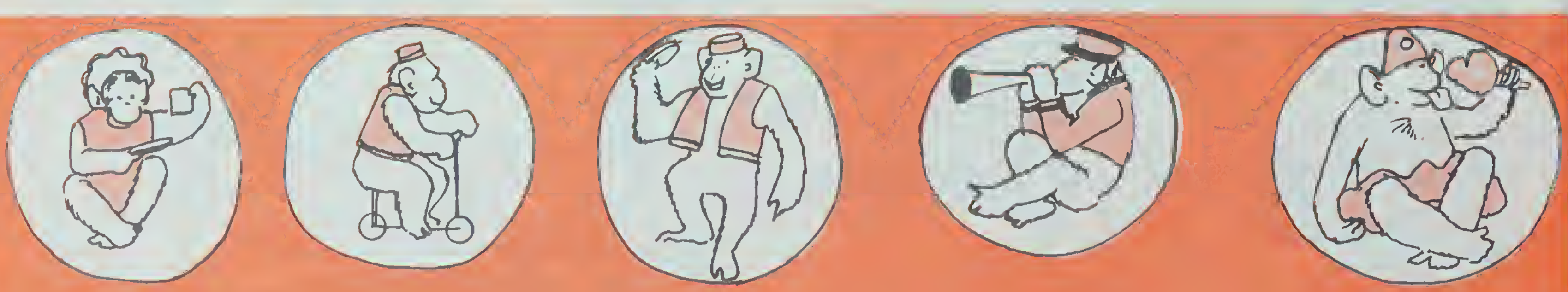
How many animals are there? ____

How many sets of 1 animal? ____



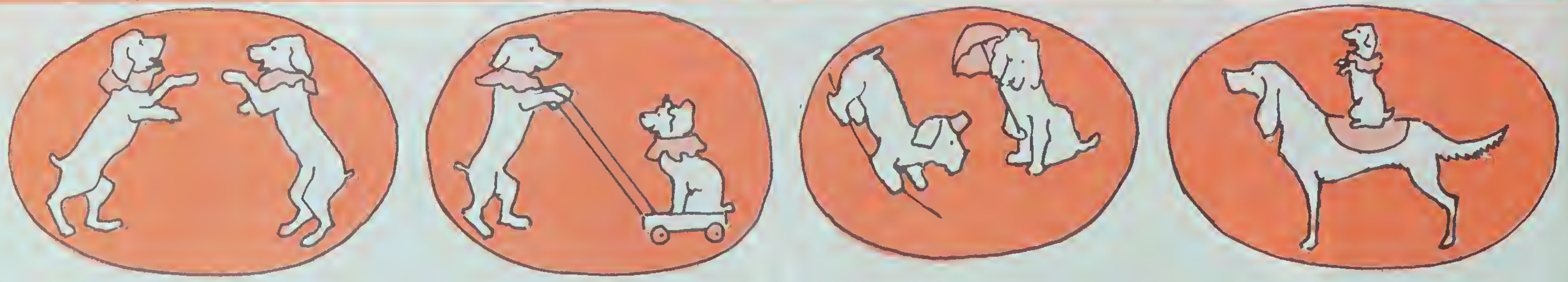
How many animals are there? ____

How many sets of 2 animals? ____



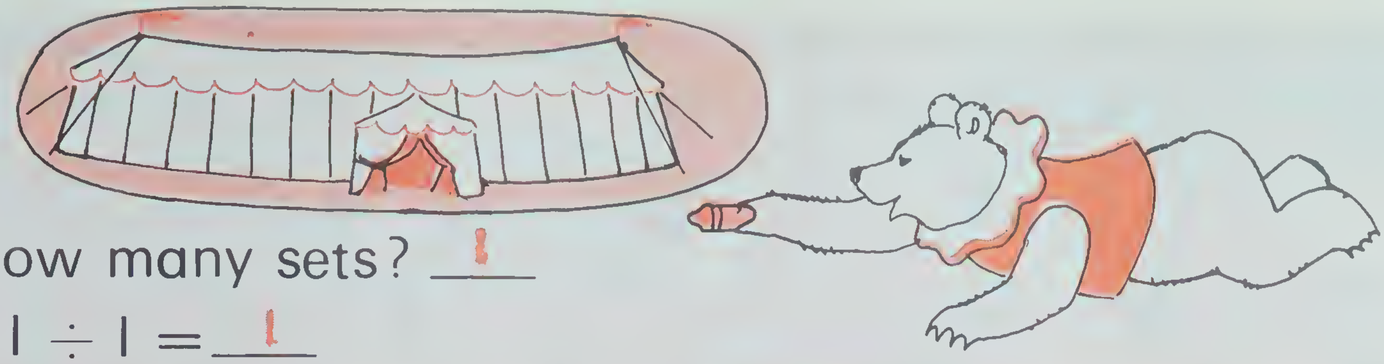
How many animals are there? ____

How many sets of 1 animal? ____



How many animals are there? ____

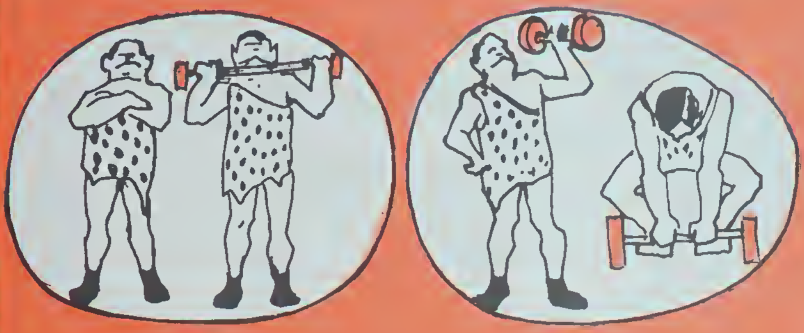
How many sets of 2 animals? ____



How many sets? 1

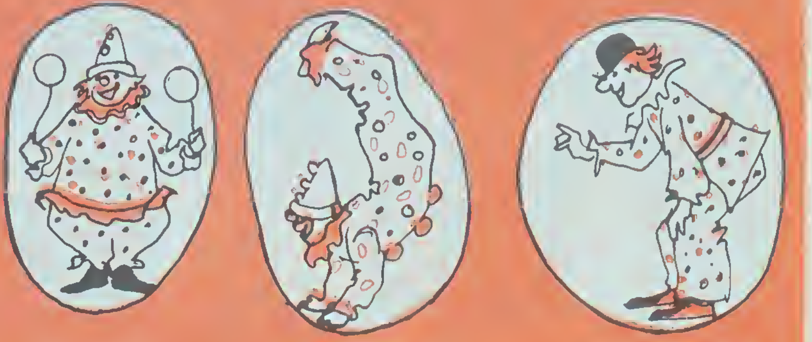
1 ÷ 1 = 1

Complete.



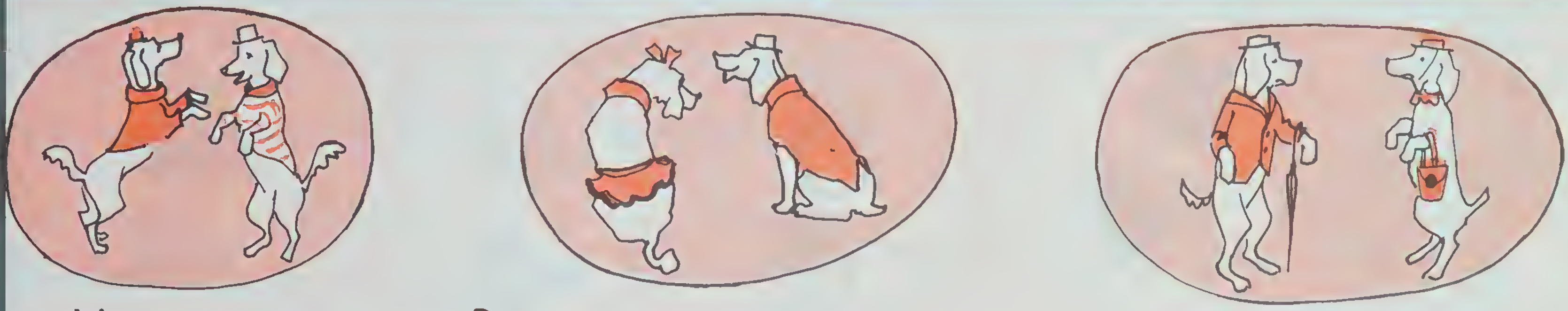
How many sets? ___

4 ÷ 2 = ___



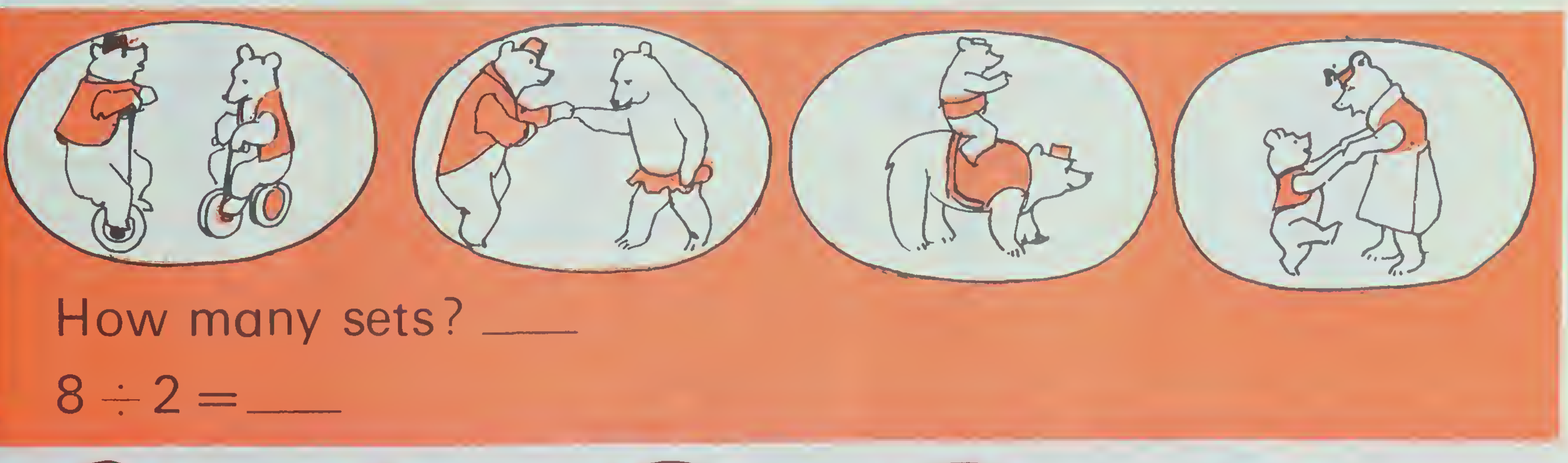
How many sets? ___

3 ÷ 1 = ___



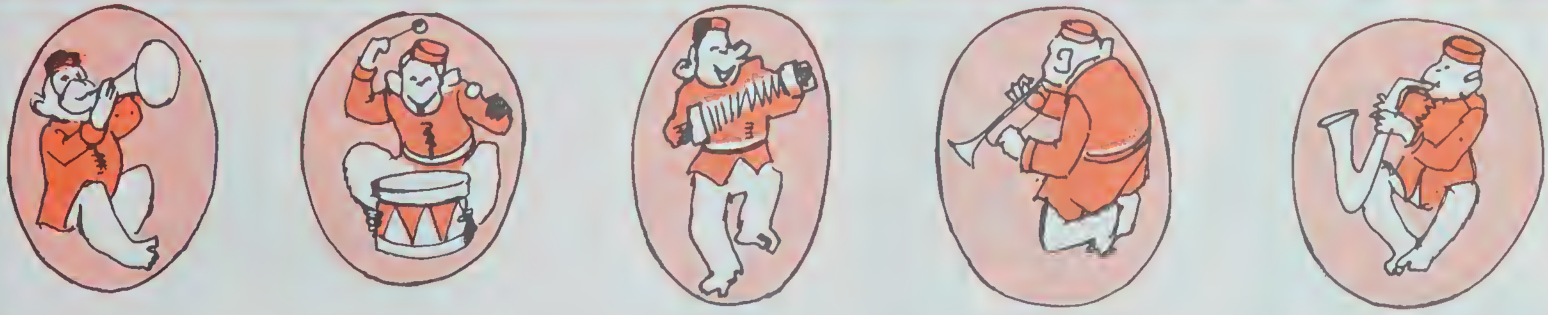
How many sets? ___

6 ÷ 2 = ___



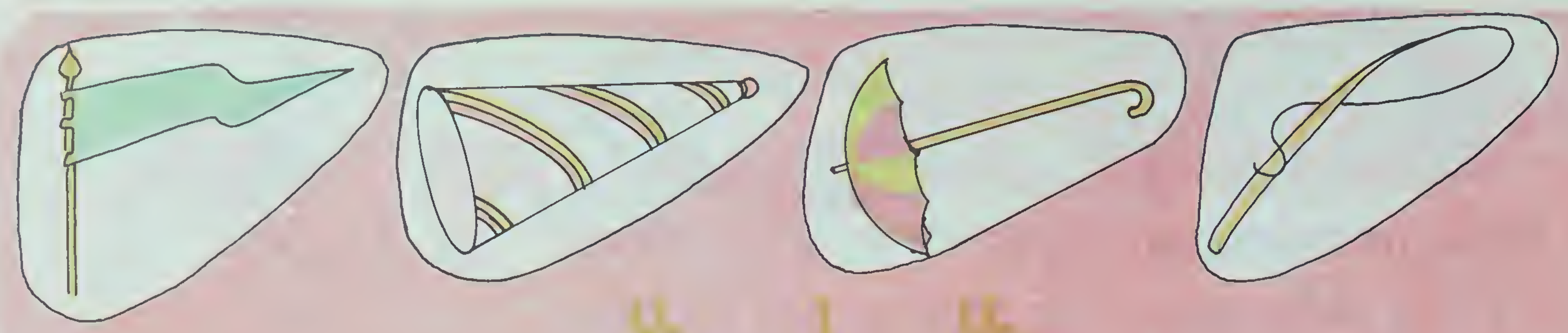
How many sets? ___

8 ÷ 2 = ___



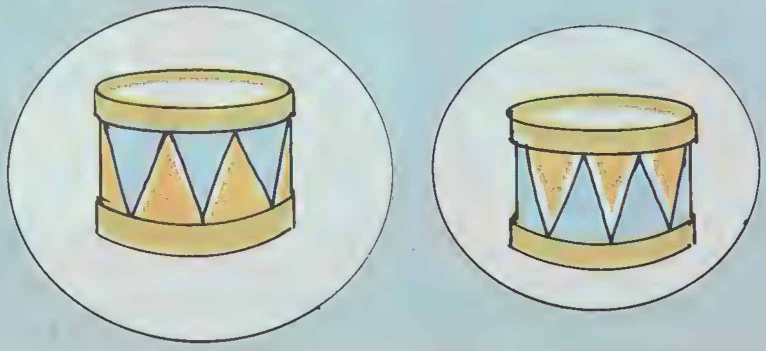
How many sets? ___

5 ÷ 1 = ___

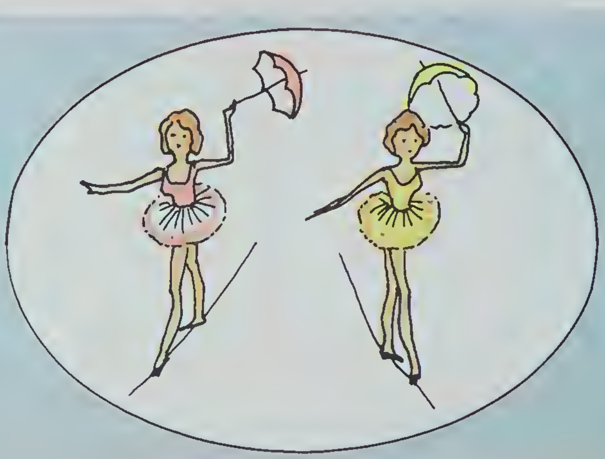


4 ÷ 1 = 4

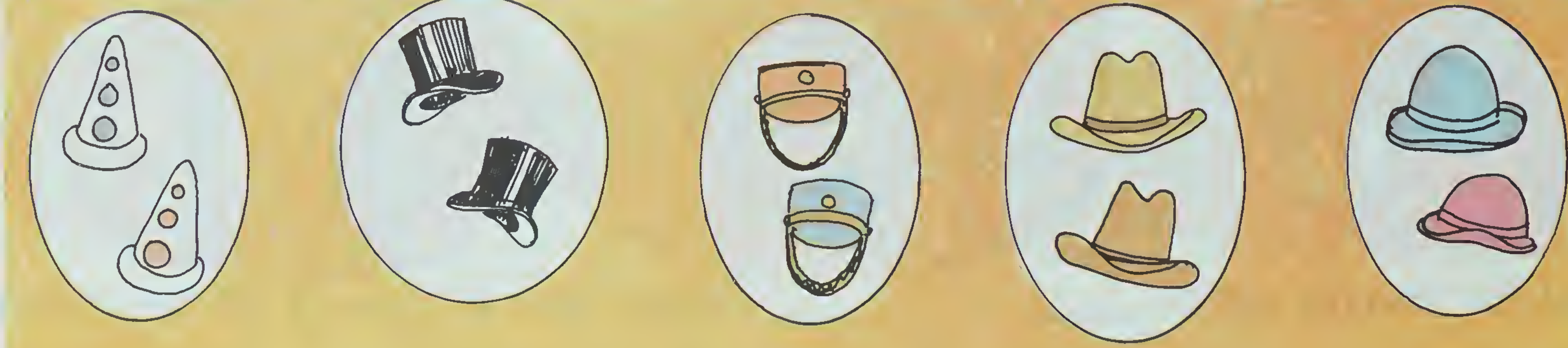
Print a sentence.



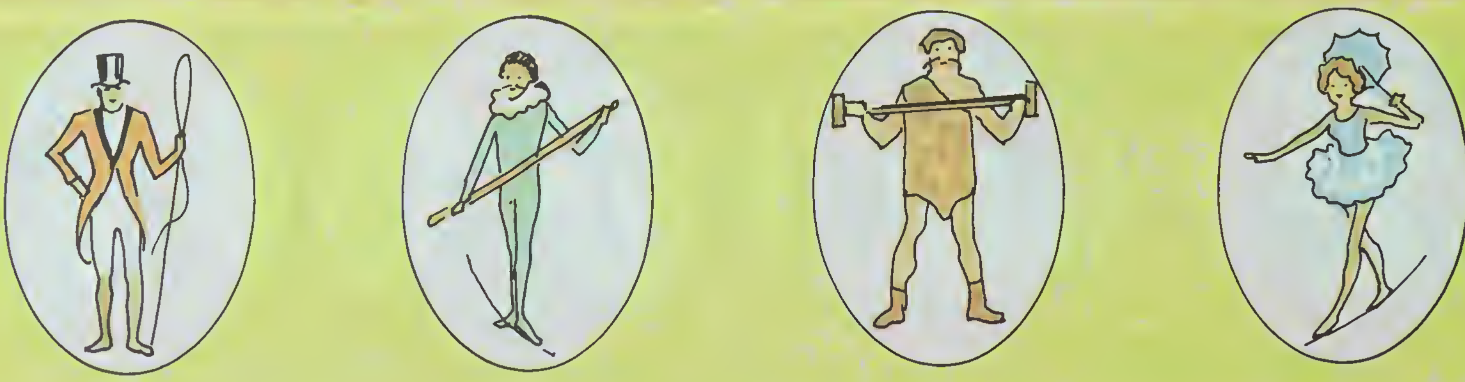
2 ÷ 1 = ___



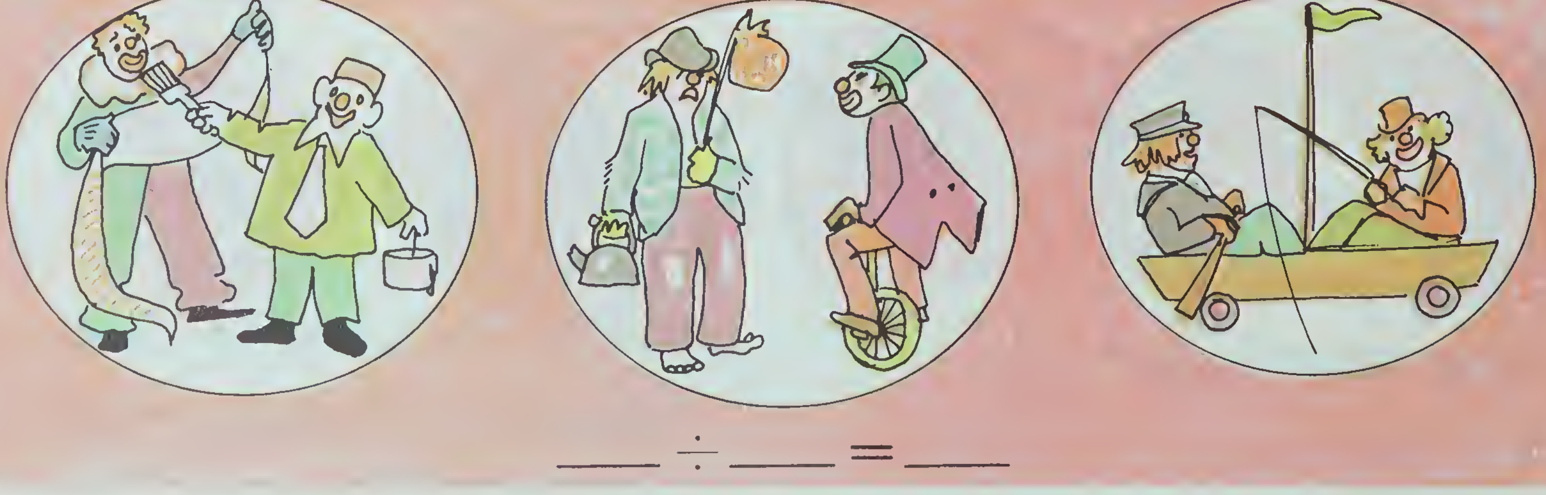
2 ÷ 2 = ___



___ ÷ ___ = ___



___ ÷ ___ = ___



___ ÷ ___ = ___

There were 4 empty seats in the big top.
I child sat in each seat.
How many children sat in the seats altogether?

4 × 1 = 4

4 children sat in the seats.

I had 10¢. I bought 2 bags of peanuts.
How much did each bag cost?

10 ÷ 2 = 5

Each bag cost 5¢.

There were 4 cages in the circus train and 2 lions in each cage.
How many lions were there altogether?

___ × ___ = ___

There were ___ lions altogether.

The elephant trainer put his 10 elephants in cages.
He put 2 elephants in each cage.
How many cages did he need?

___ ÷ ___ = ___

He needed ___ cages.

Cindy has 2 friends. She gave I cotton candy to each friend.
How many cotton candies did she give away?

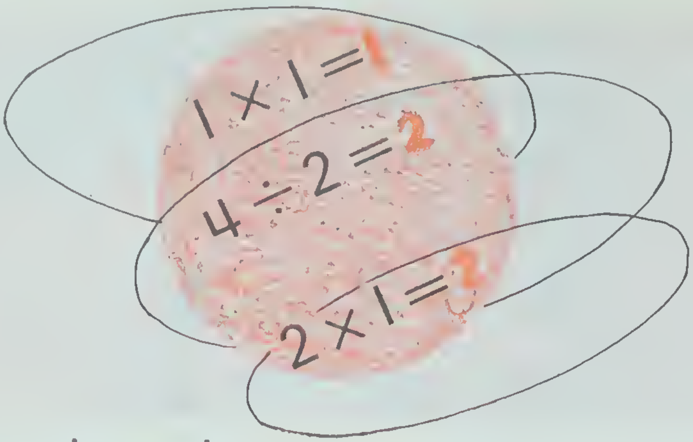
___ × ___ = ___

She gave away ___ cotton candies.

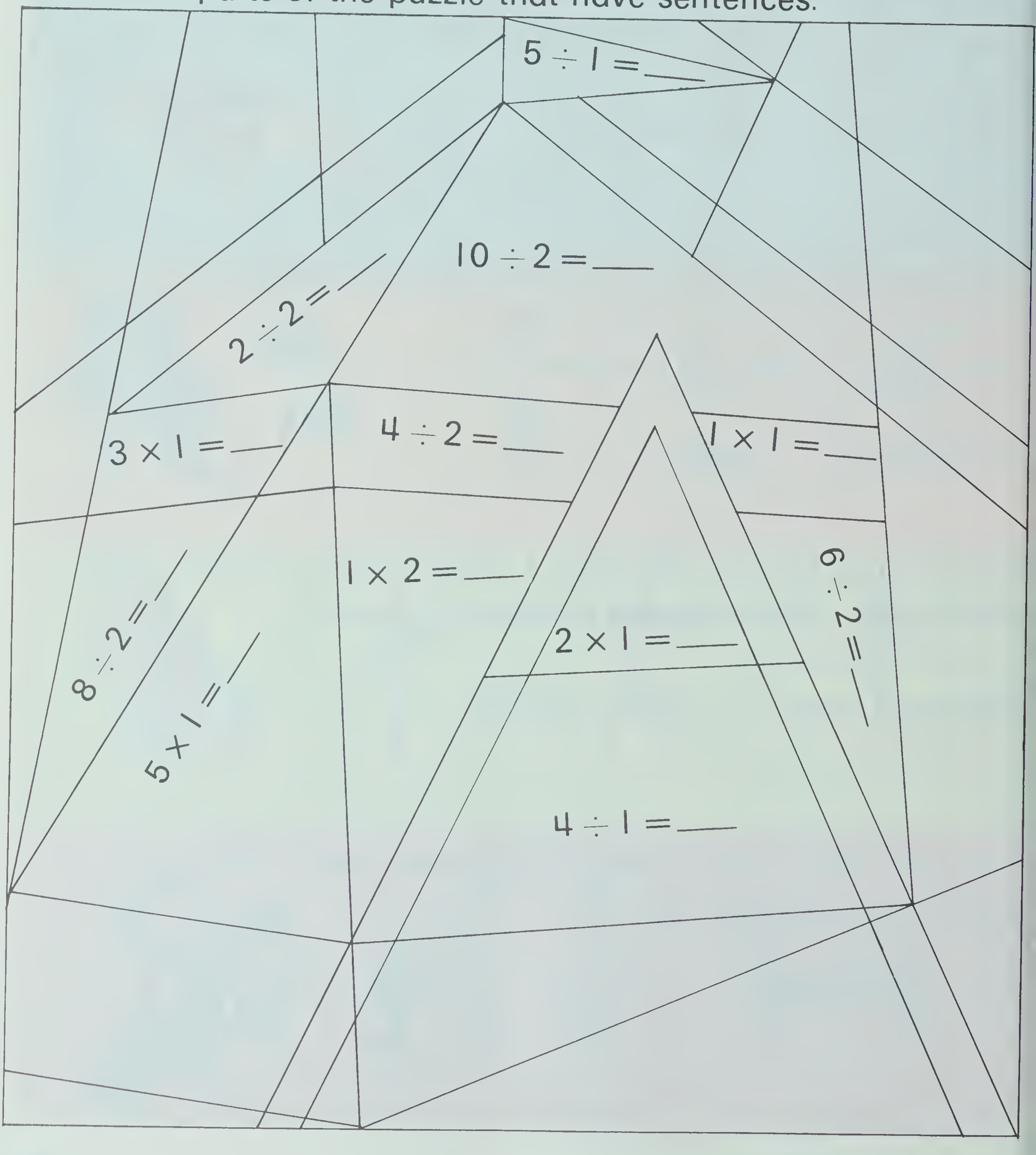
The seal trainer had 8 fish. He gave each seal 2 fish.
How many seals got fish?

___ ÷ ___ = ___

___ seals got fish.



Complete the sentences.
Colour the parts of the puzzle that have sentences.



5 ÷ 1 = ___

10 ÷ 2 = ___

2 ÷ 2 = ___

3 × 1 = ___

4 ÷ 2 = ___

1 × 1 = ___

1 × 2 = ___

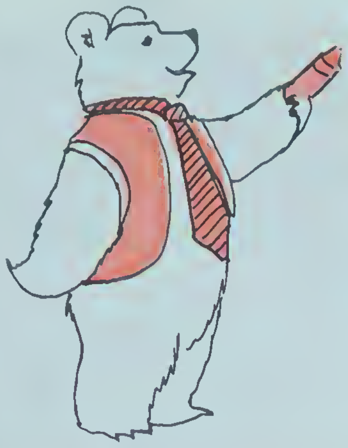
8 ÷ 2 = ___

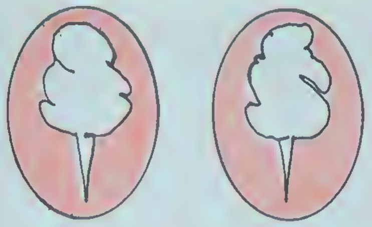
6 ÷ 2 = ___

2 × 1 = ___

5 × 1 = ___

4 ÷ 1 = ___



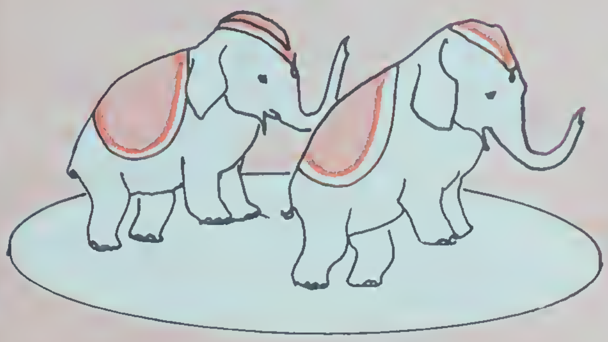


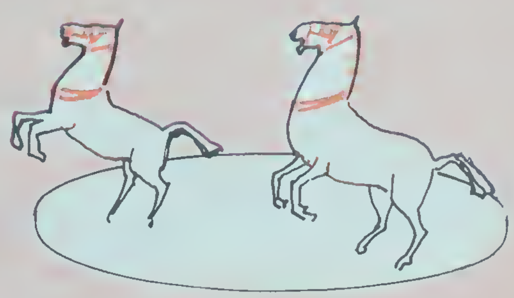
$2 \times 1 = 2$

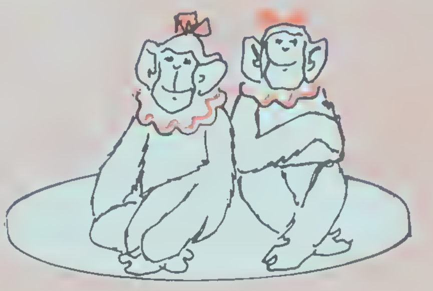
$2 \div 1 = 2$

I have 2 friends.
I gave them each a cotton candy.
How many cotton candies did I give them?

Print stories.

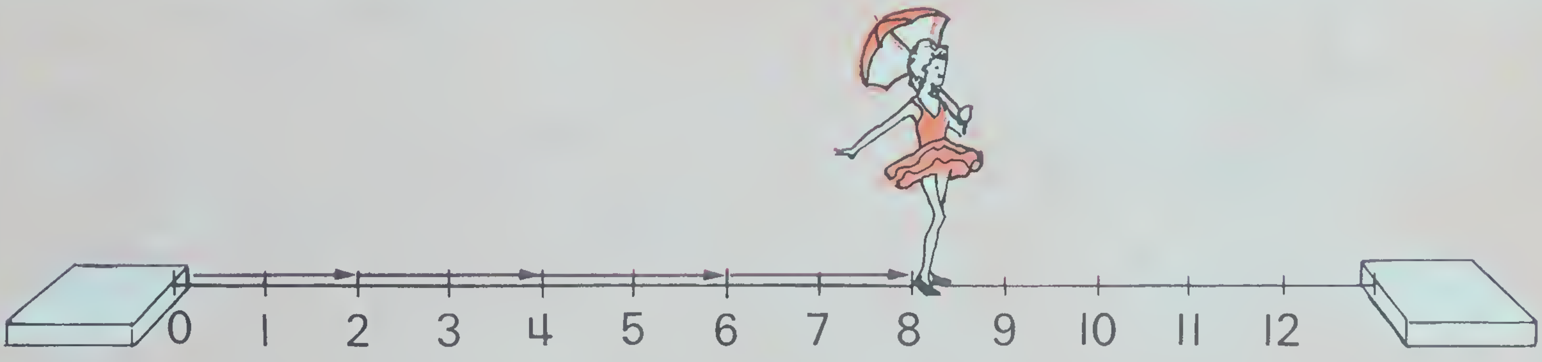






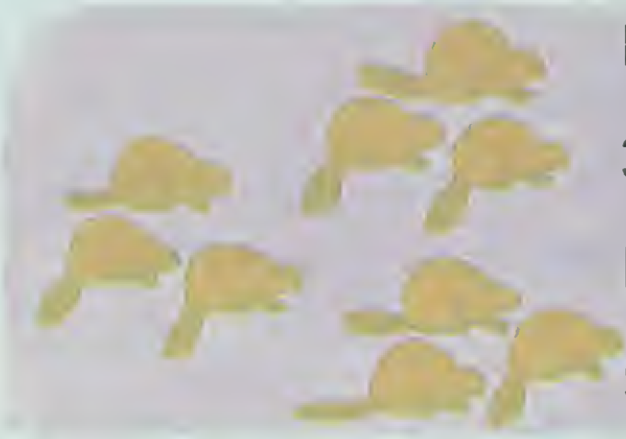
$3 \times 2 = 6$

$6 \div 2 = 3$



$4 \times 2 = 8$

$8 \div 2 = 4$

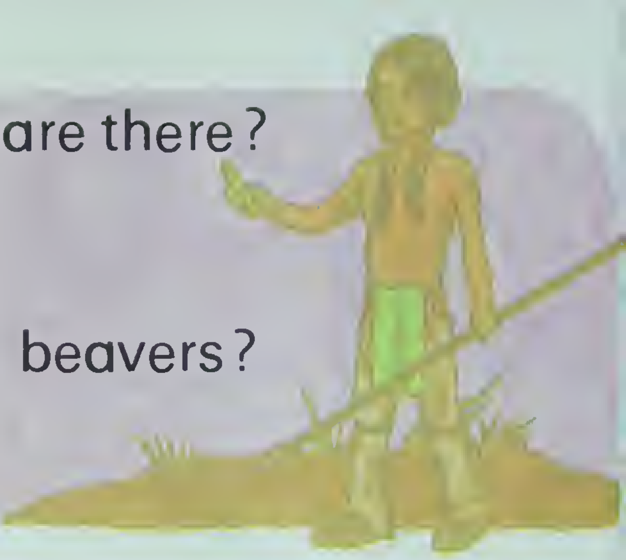


How many beavers are there?

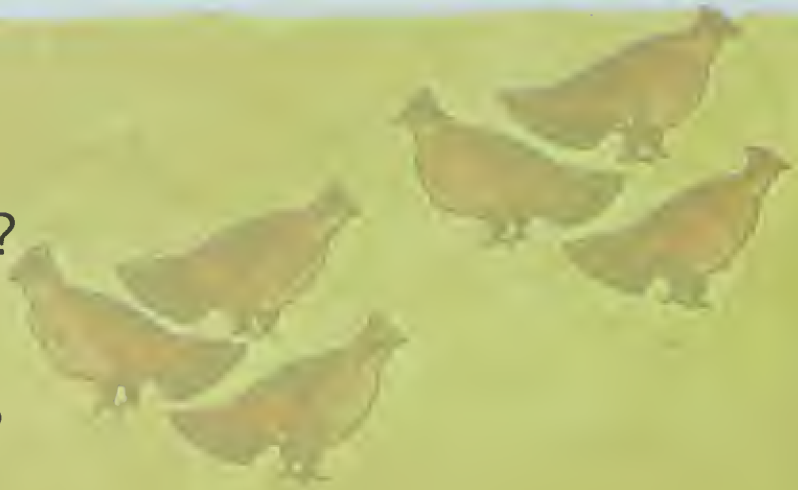
3 × 3 = 9

How many sets of 3 beavers?

9 ÷ 3 = 3



Complete.

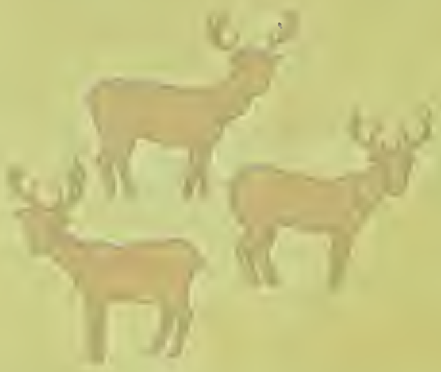


How many partridges are there?

2 × 3 = ____

How many sets of 3 partridges?

6 ÷ 3 = ____

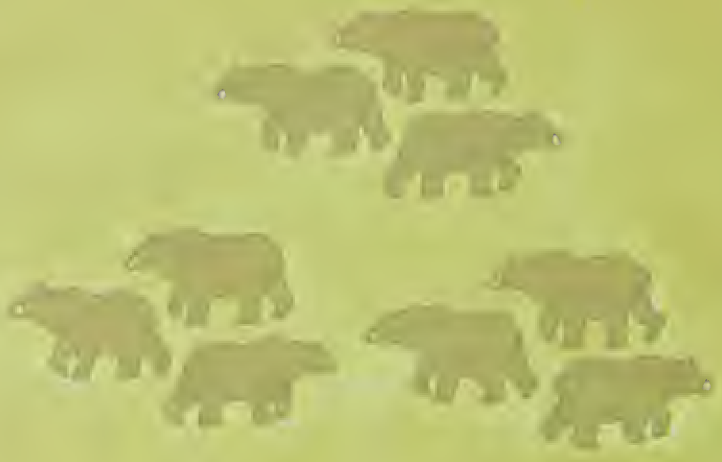


How many deer are there altogether?

1 × 3 = ____

How many sets of 3 deer?

3 ÷ 3 = ____



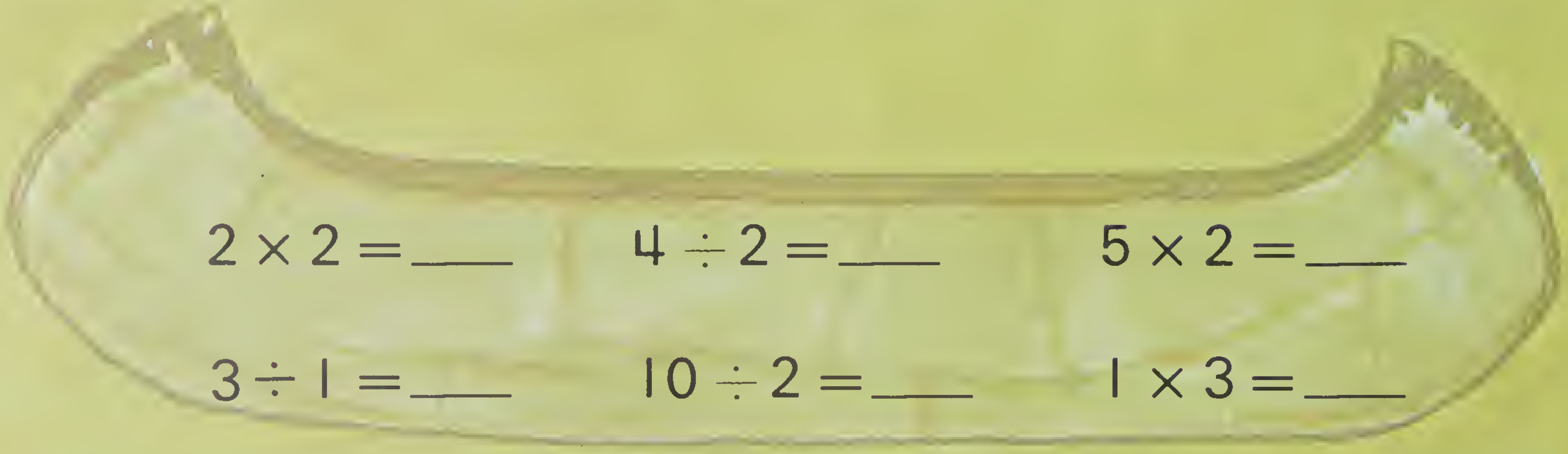
How many bears are there?

3 × 3 = ____

How many sets of 3 bears?

9 ÷ 3 = ____

Take a canoe trip. How far can you go?



2 × 2 = ____ 4 ÷ 2 = ____ 5 × 2 = ____

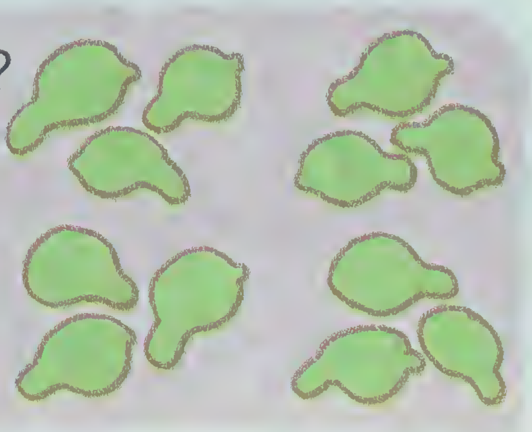
3 ÷ 1 = ____ 10 ÷ 2 = ____ 1 × 3 = ____

How many squash are there?

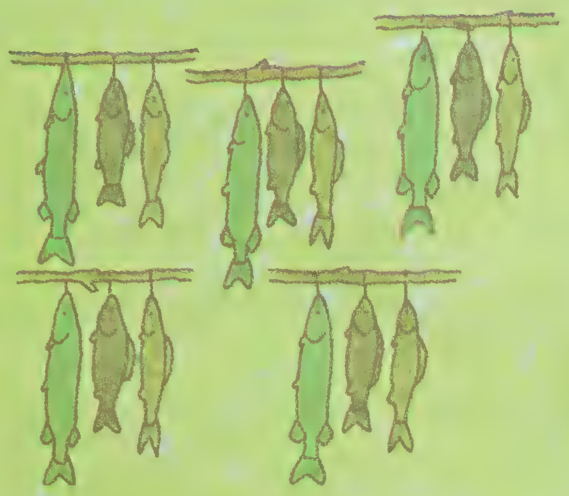
4 × 3 = 12

How many sets of 3 squash?

12 ÷ 3 = 4



Complete.



How many fish are there altogether?

5 × 3 = ____

How many sets of 3 fish?

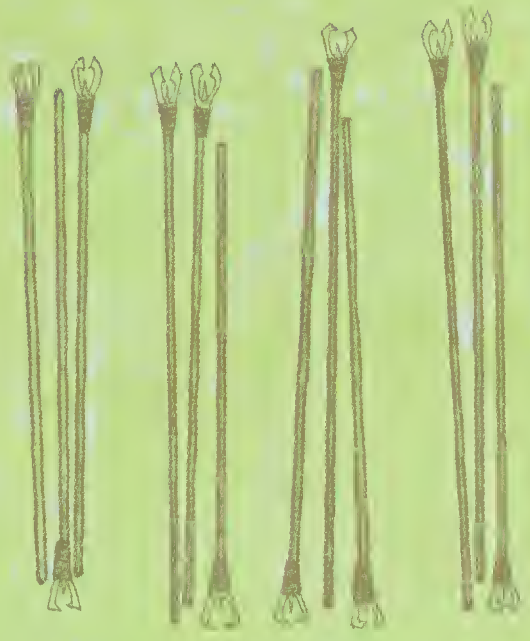
15 ÷ 3 = ____

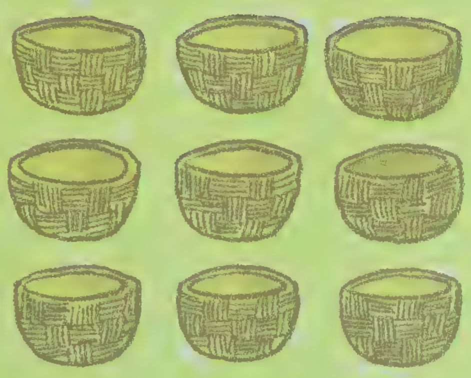
How many fishing spears are there?

4 × 3 = ____

How many sets of 3 fishing spears?

12 ÷ 3 = ____





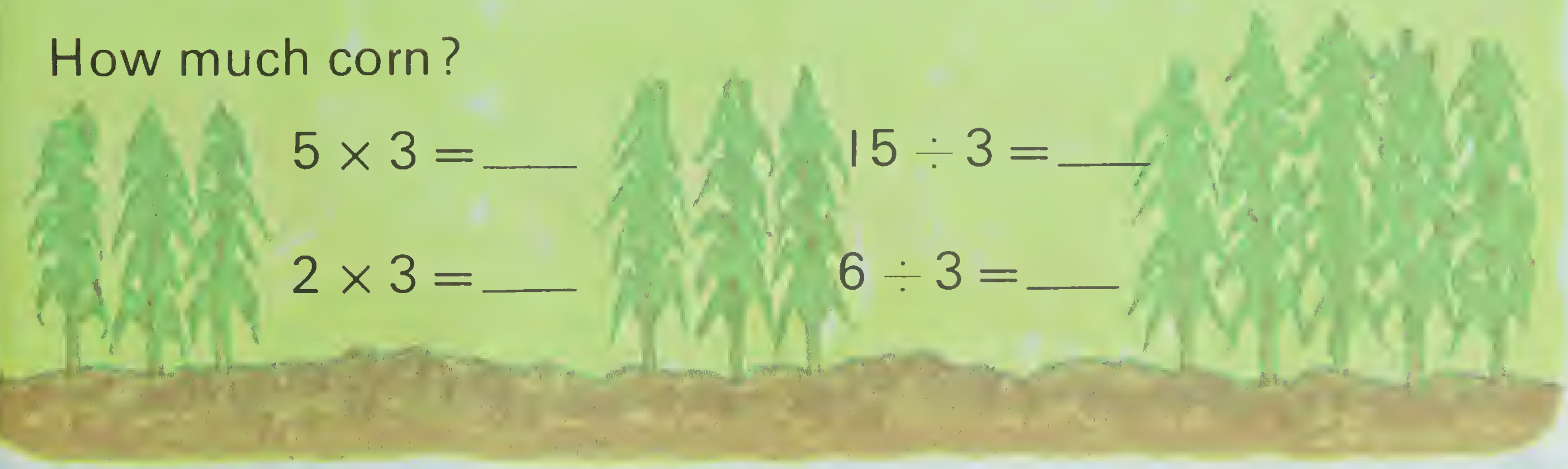
How many baskets are there?

3 × 3 = ____

How many sets of 3 baskets?

9 ÷ 3 = ____

How much corn?



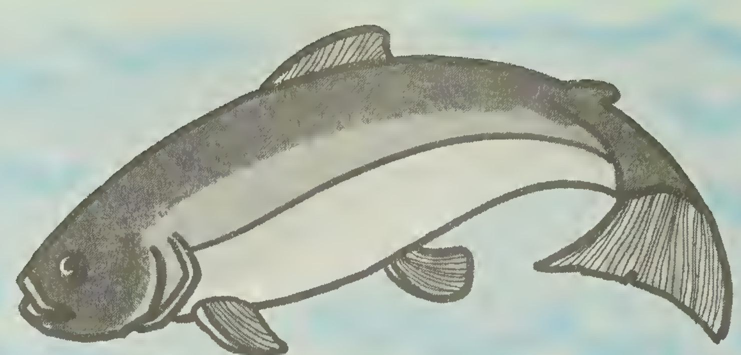
5 × 3 = ____

15 ÷ 3 = ____

2 × 3 = ____

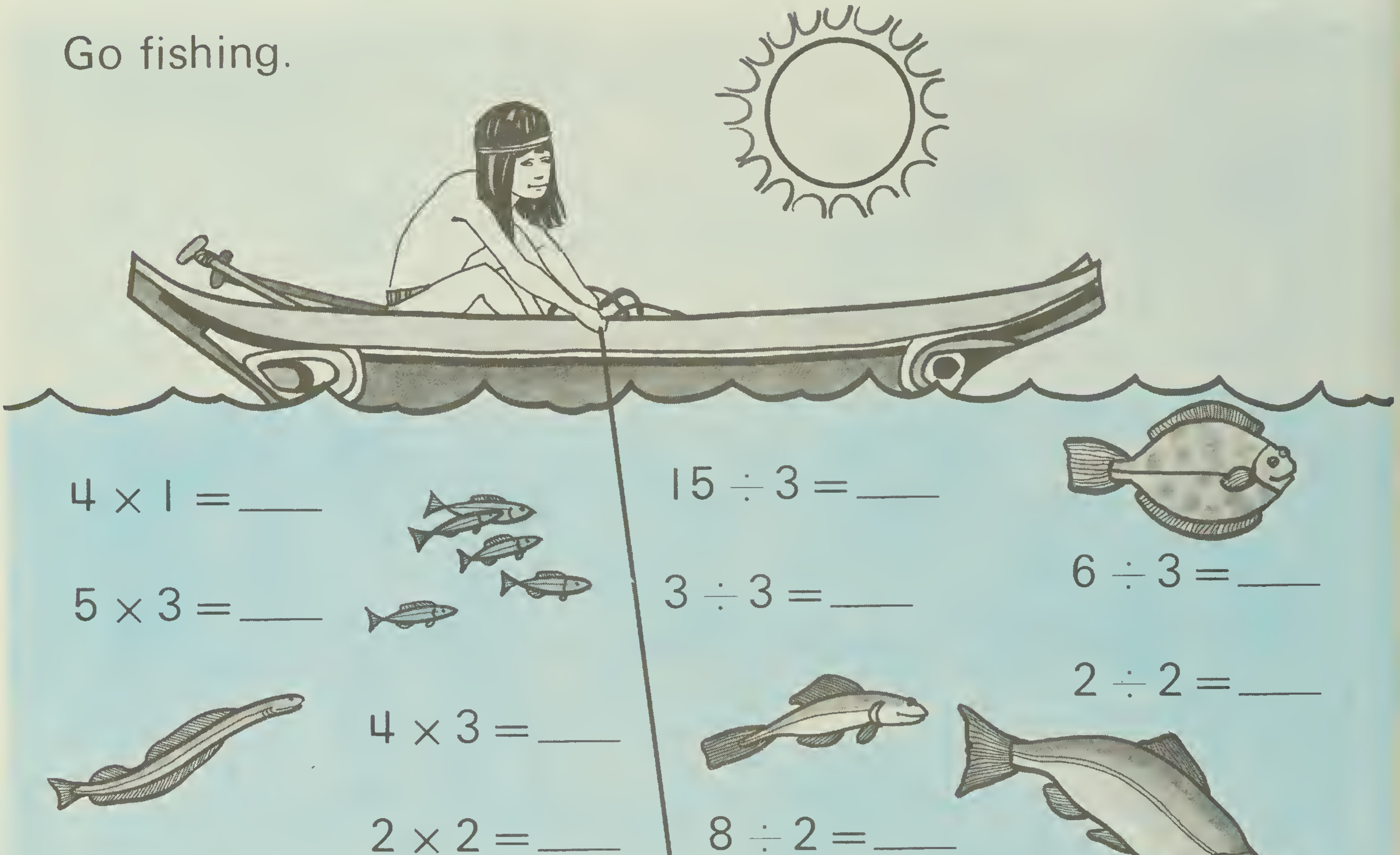
6 ÷ 3 = ____

$2 \times 3 = \underline{\ 6\ }$



$10 \div 2 = \underline{\ 5\ }$

Go fishing.



$4 \times 1 = \underline{\qquad}$

$5 \times 3 = \underline{\qquad}$

$1 \times 1 = \underline{\qquad}$

$3 \times 2 = \underline{\qquad}$

$3 \times 3 = \underline{\qquad}$

$5 \times 1 = \underline{\qquad}$

$4 \times 3 = \underline{\qquad}$

$2 \times 2 = \underline{\qquad}$

$1 \times 2 = \underline{\qquad}$

$2 \times 3 = \underline{\qquad}$

$15 \div 3 = \underline{\qquad}$

$3 \div 3 = \underline{\qquad}$

$8 \div 2 = \underline{\qquad}$

$4 \div 1 = \underline{\qquad}$

$6 \div 2 = \underline{\qquad}$

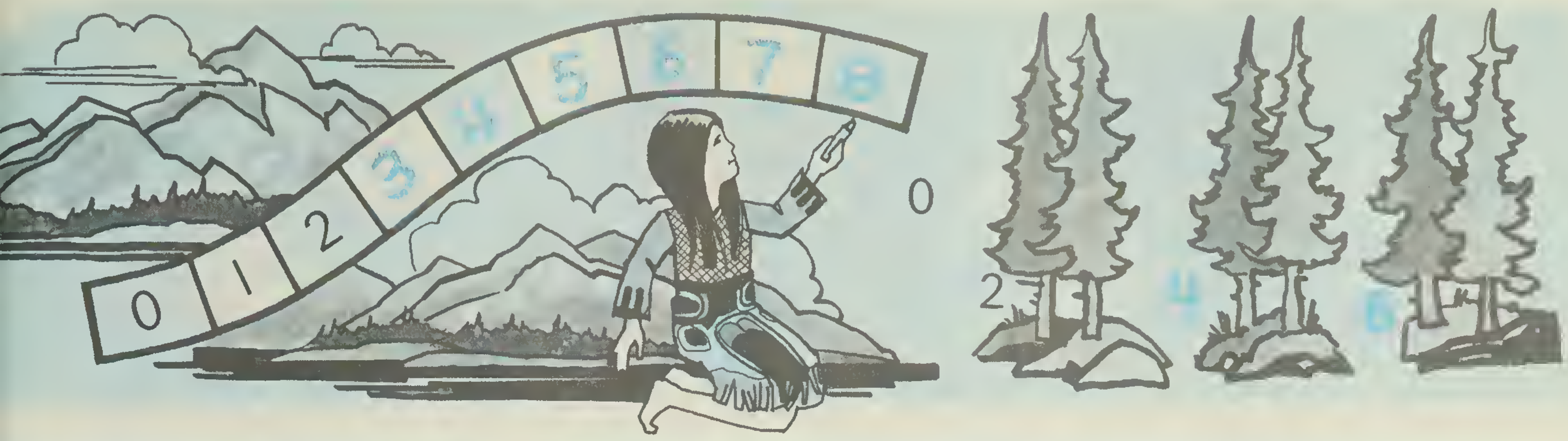
$2 \div 1 = \underline{\qquad}$

$6 \div 3 = \underline{\qquad}$

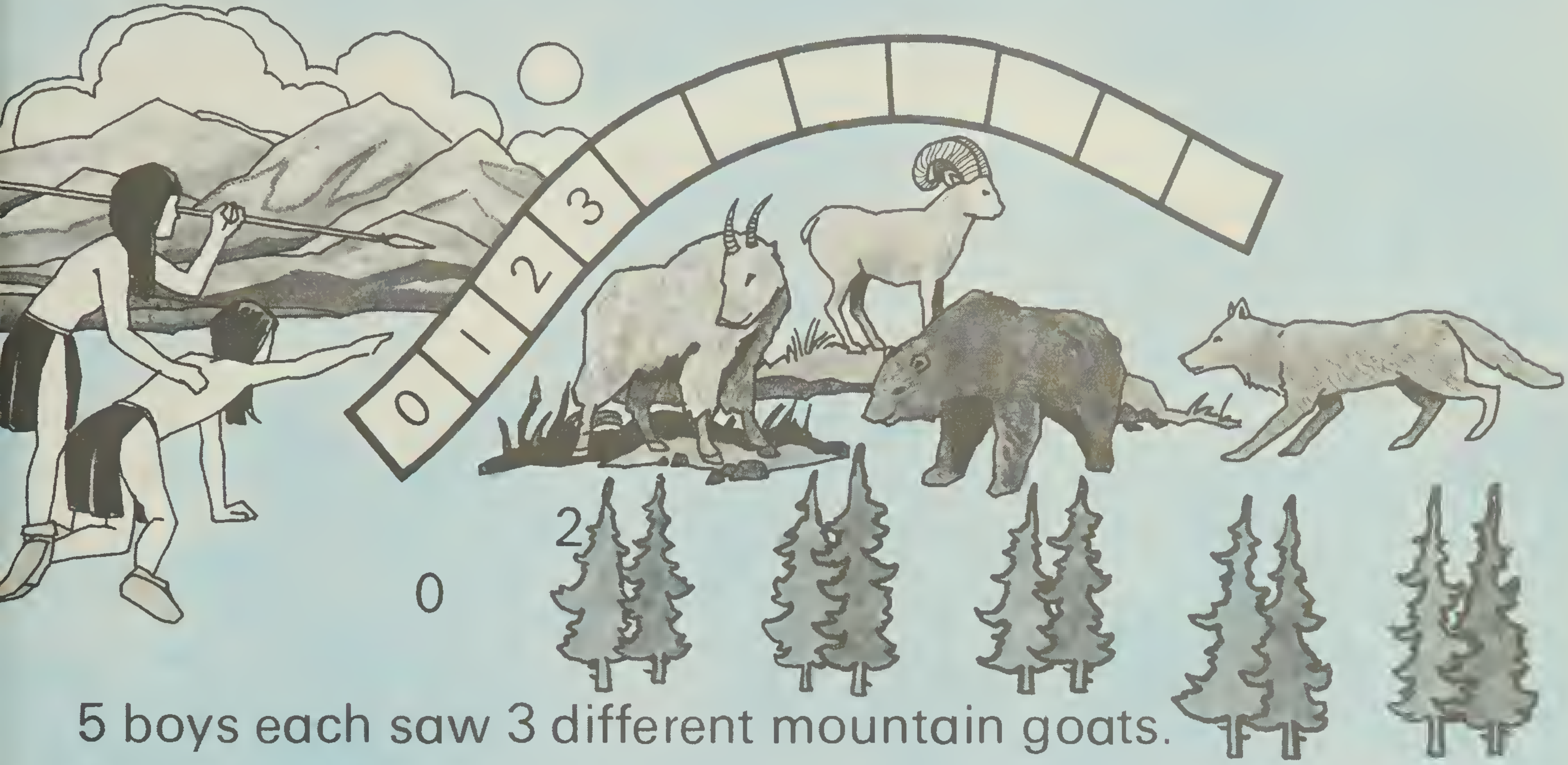
$2 \div 2 = \underline{\qquad}$

$12 \div 3 = \underline{\qquad}$

$4 \div 2 = \underline{\qquad}$



Complete the walk through the forest. Count by twos.



5 boys each saw 3 different mountain goats.
How many mountain goats did the boys see?

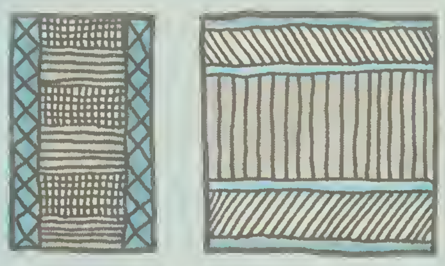
____

They saw____mountain goats.

5 girls each made 2 mats from cedar bark.
How many mats did the girls make?

____

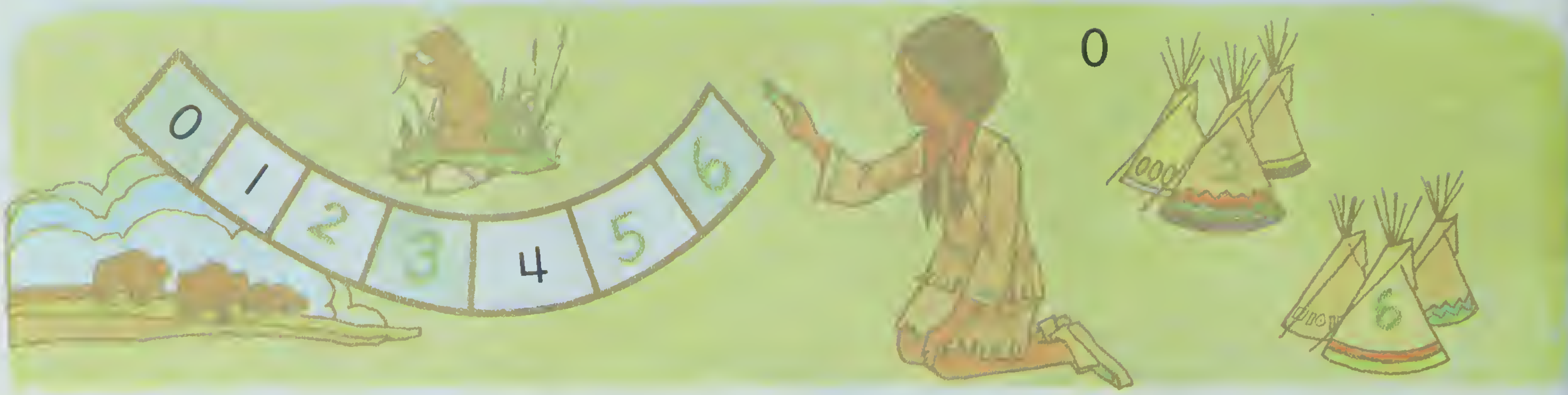
They made____mats.



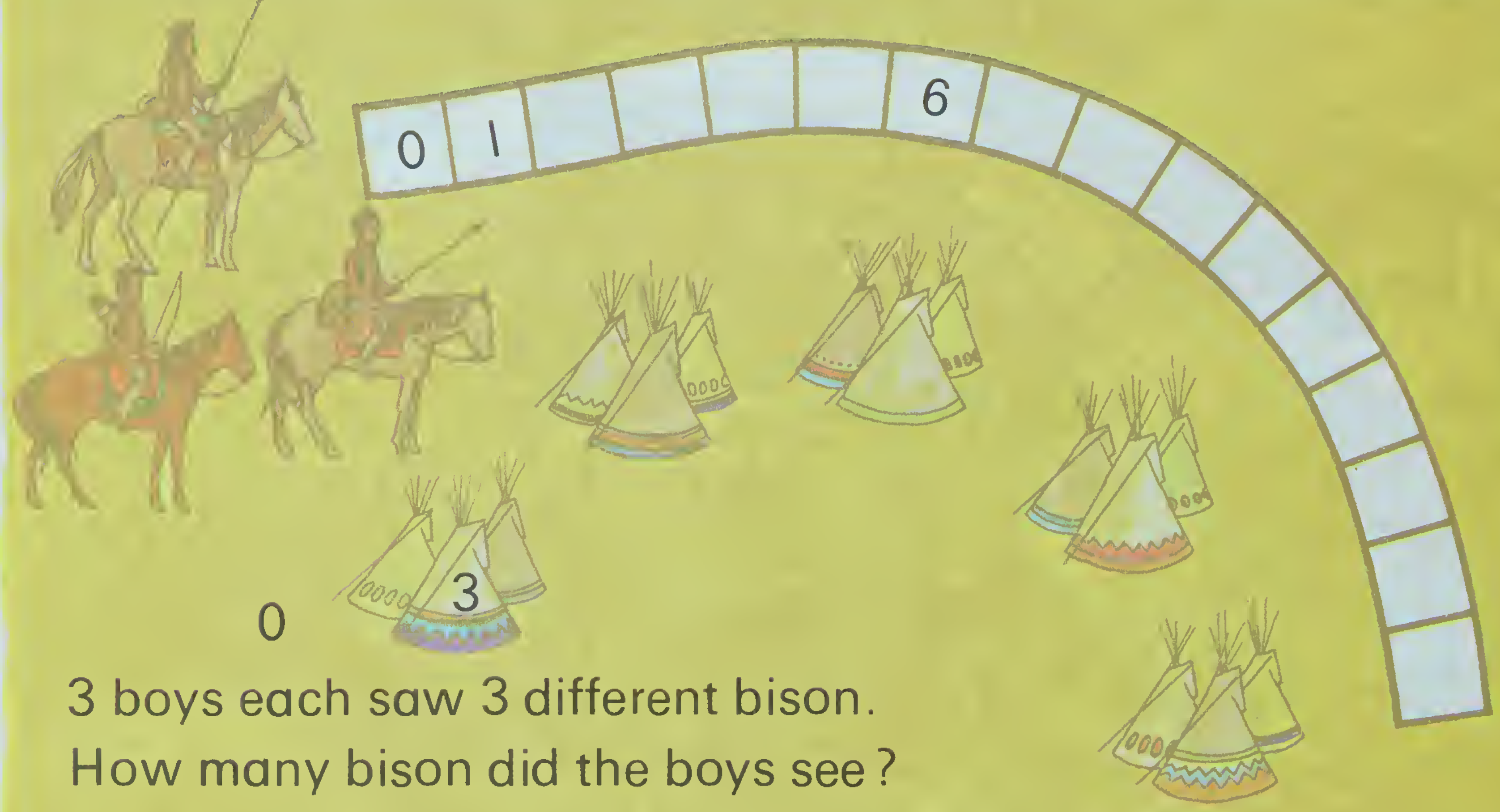
There were 8 figures on 2 totem poles.
Each totem pole had the same number of figures.
How many figures were on each totem pole?

____

There were____figures on each totem pole.



Complete the walk on the plains. Count by threes.



3 boys each saw 3 different bison.
How many bison did the boys see?

____

They saw____bison.

4 women each beaded 3 jackets.
How many jackets did the women bead?

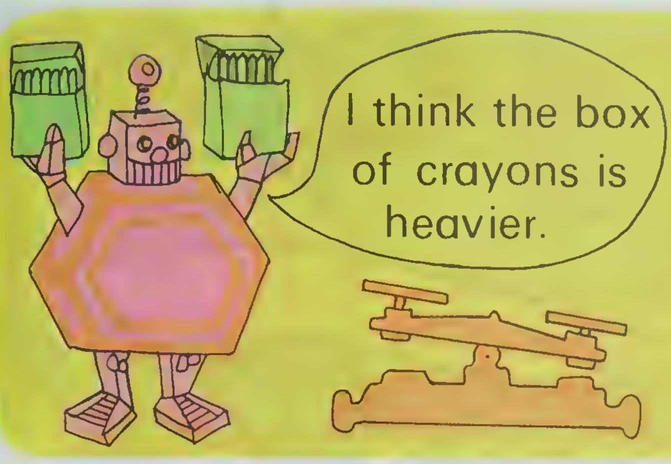
____

They beaded____jackets.

3 travois carried 15 packs.
Each travois carried the same number of packs.
How many packs did each travois carry?

____

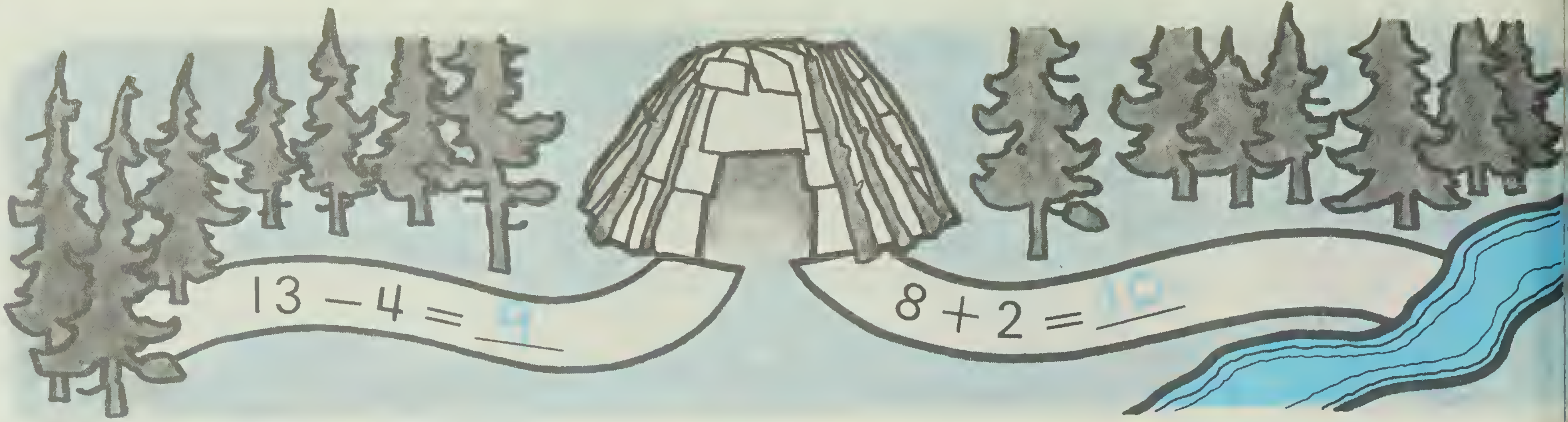
Each travois carried____packs.


I think the box of crayons is heavier.

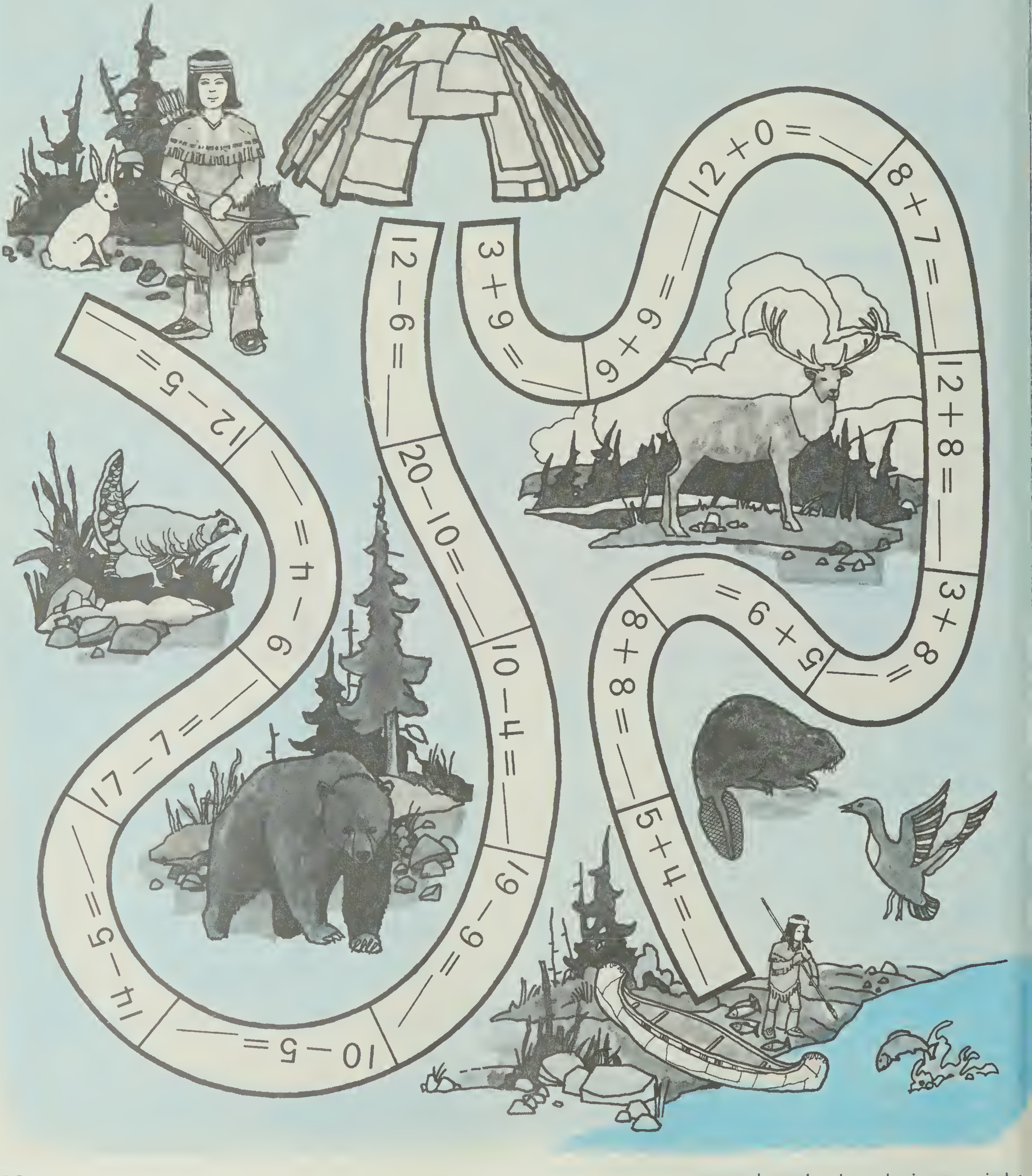
Objects	Which do you think is heavier?	Which is heavier?
box of chalk		X
box of crayons	X	

Compare masses.

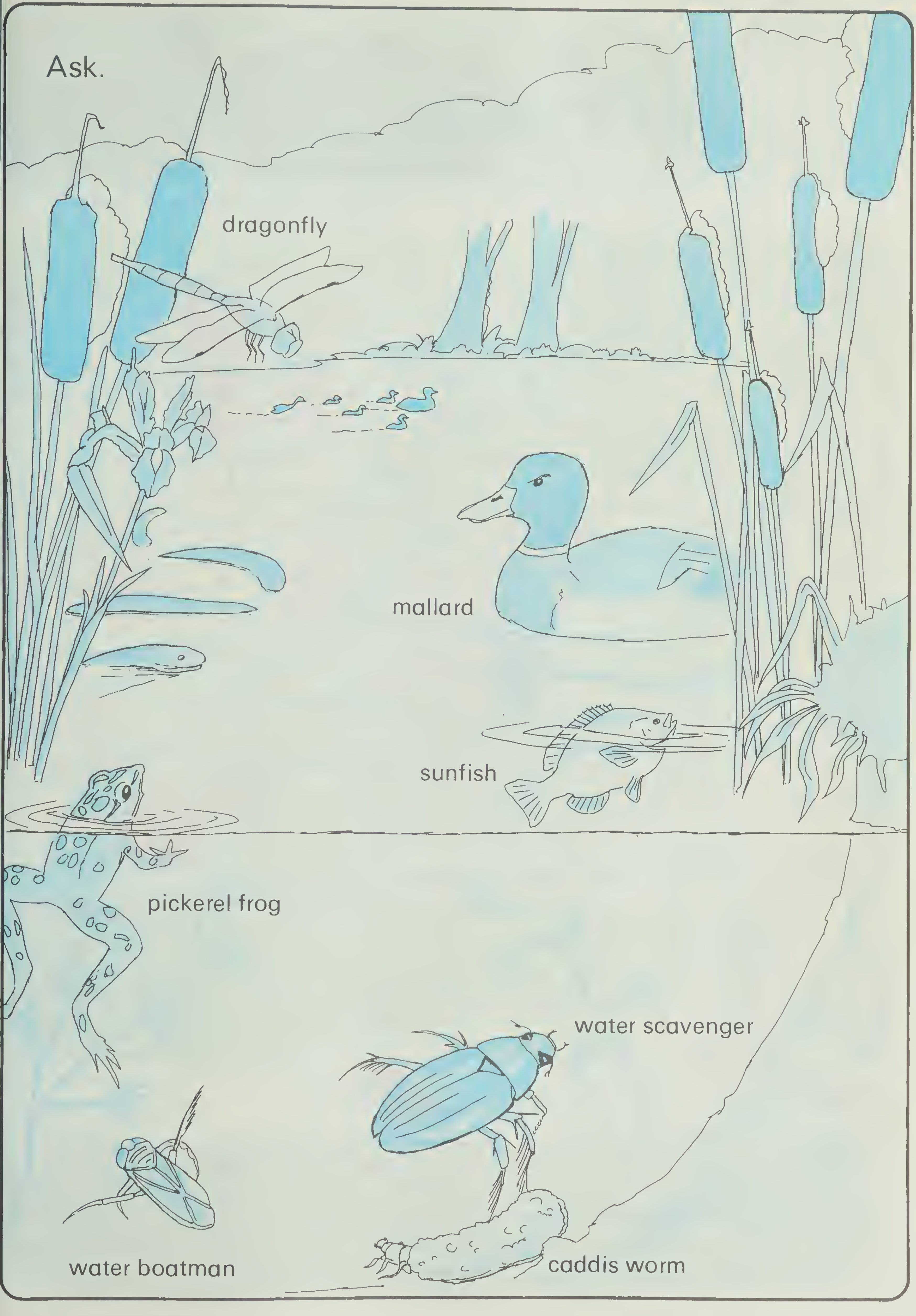
Objects	Which do you think is heavier?	Which is heavier?
tennis ball golf ball		
jar of sand jar of water		
bag of cotton batting bag of stones		
hockey puck large stone		
box of chalk box of sand		
toy canoe basket		
toy truck doll		
You choose.		

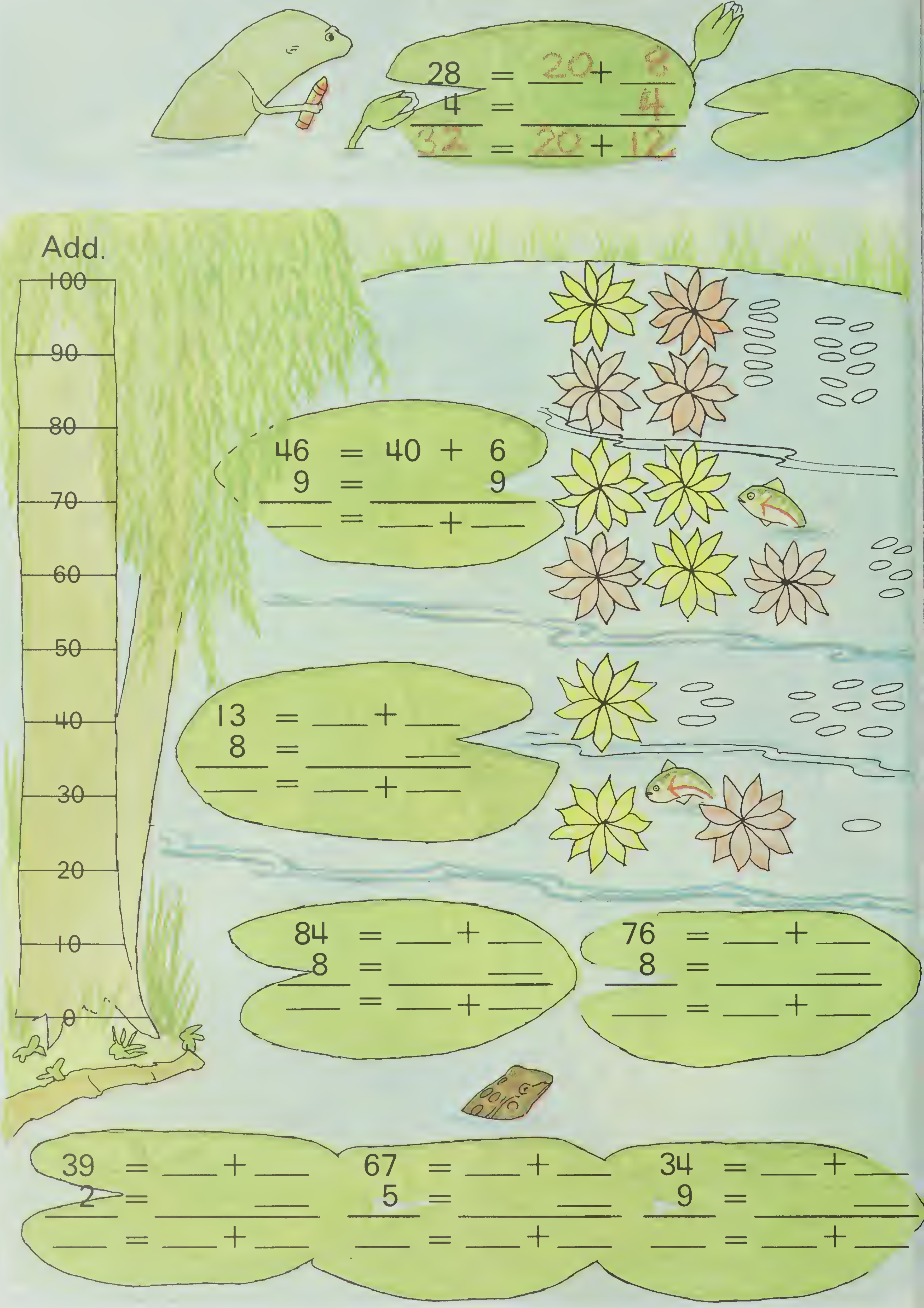


Walk the trails through the forest and to the river.


12 − 5 =
9 − 4 =
17 − 7 =
14 − 5 =
10 − 5 =
12 − 6 =
20 − 10 =
10 − 4 =
19 − 9 =
3 + 9 =
9 + 9 =
12 + 0 =
8 + 7 =
12 + 8 =
3 + 8 =
5 + 9 =
8 + 8 =
5 + 4 =

Ask.


dragonfly
mallard
sunfish
pickerel frog
water scavenger
water boatman
caddis worm


100
90
80
70
60
50
40
30
20
10
0

28 = 20 + 8
4 = ___ 4
32 = 20 + 12

Add.

46 = 40 + 6
9 = ___ 9
___ = ___ + ___

13 = ___ + ___
8 = ___ ___
___ = ___ + ___

84 = ___ + ___
8 = ___ ___
___ = ___ + ___

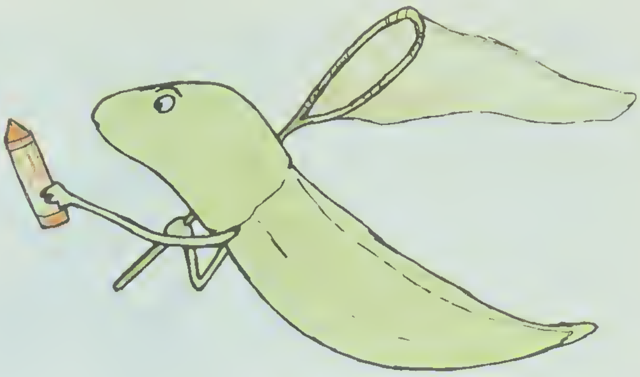
76 = ___ + ___
8 = ___ ___
___ = ___ + ___

39 = ___ + ___
2 = ___ ___
___ = ___ + ___

67 = ___ + ___
5 = ___ ___
___ = ___ + ___

34 = ___ + ___
9 = ___ ___
___ = ___ + ___

42 = 40 + 2
9 = 9
51 = 40 + 11



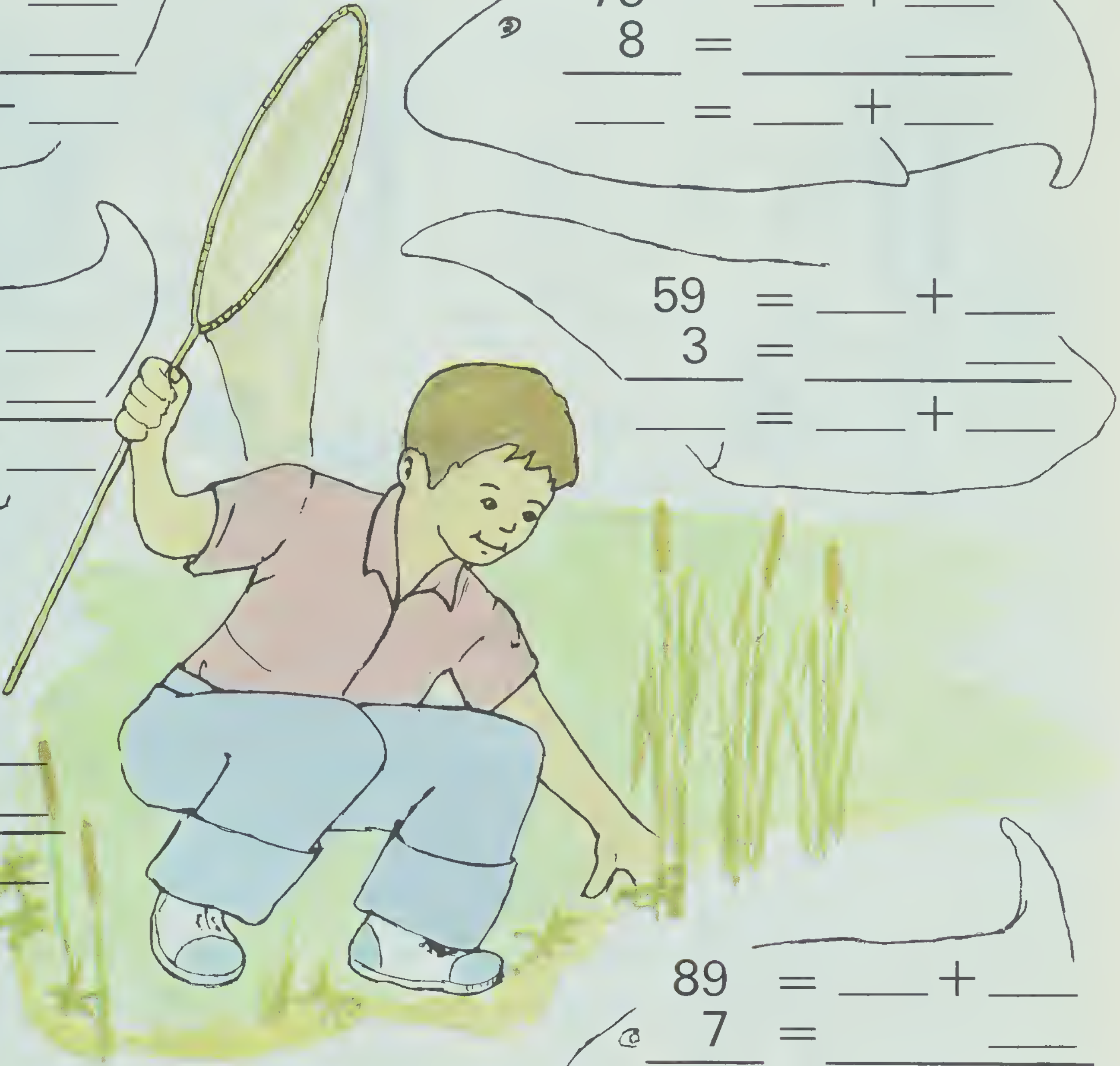
Catch the tadpoles. Add.

12 = ___ + ___
9 = ___
___ = ___ + ___

73 = ___ + ___
8 = ___
___ = ___ + ___

38 = ___ + ___
6 = ___
___ = ___ + ___

59 = ___ + ___
3 = ___
___ = ___ + ___



67 = ___ + ___
5 = ___
___ = ___ + ___

89 = ___ + ___
7 = ___
___ = ___ + ___

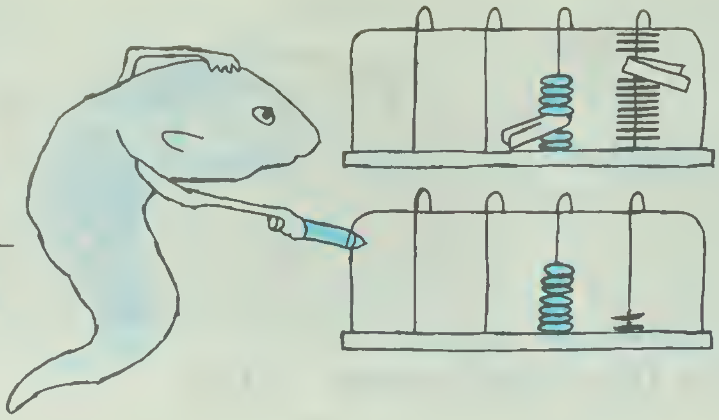
49 = ___ + ___
5 = ___
___ = ___ + ___

27 = ___ + ___
8 = ___
___ = ___ + ___

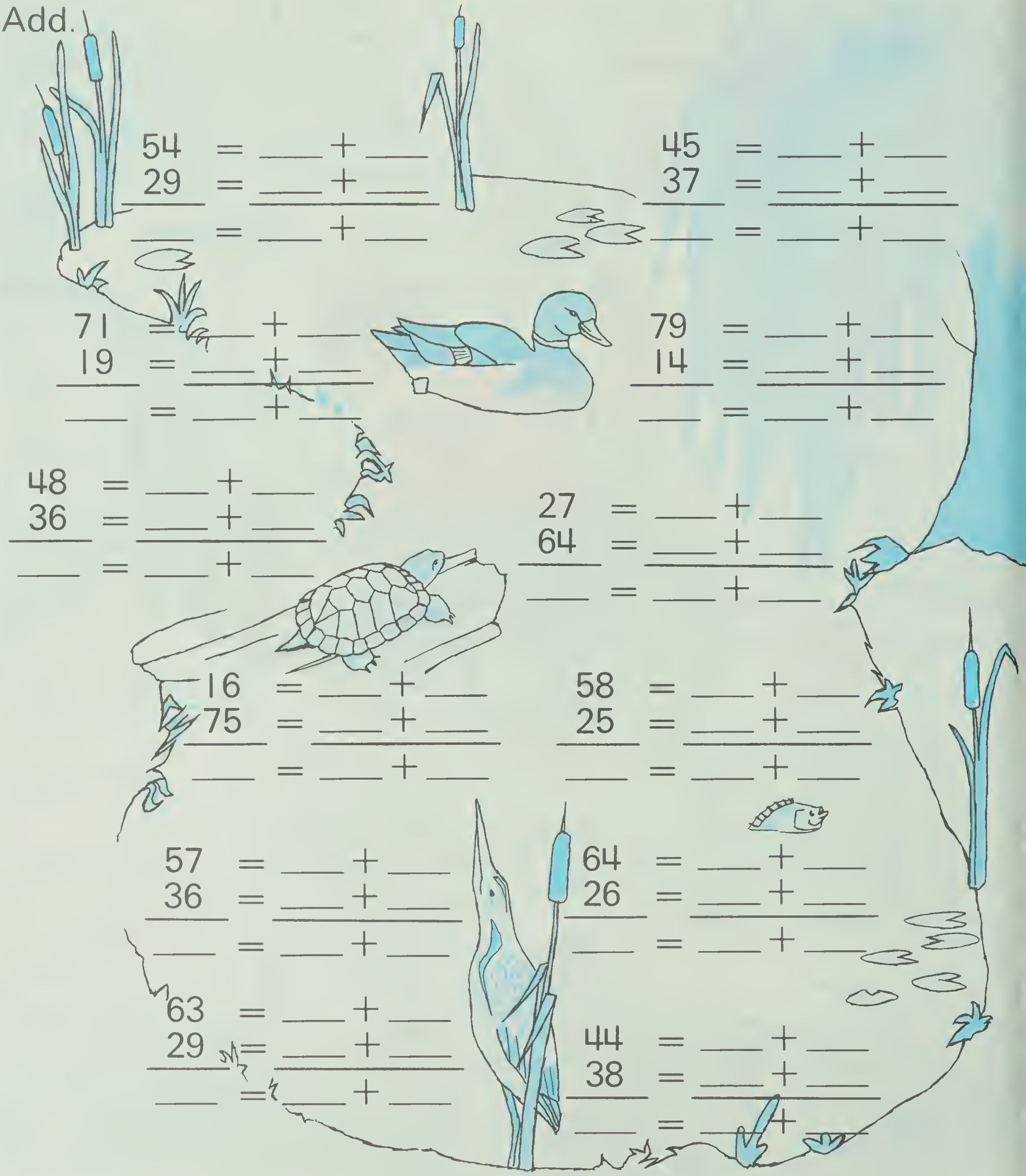
58 = ___ + ___
7 = ___
___ = ___ + ___

36 = ___ + ___
9 = ___
___ = ___ + ___

43 = 40 + 3
29 = 20 + 9
72 = 60 + 12



Add.



54 = ___ + ___
29 = ___ + ___
___ = ___ + ___

45 = ___ + ___
37 = ___ + ___
___ = ___ + ___

71 = ___ + ___
19 = ___ + ___
___ = ___ + ___

79 = ___ + ___
14 = ___ + ___
___ = ___ + ___

48 = ___ + ___
36 = ___ + ___
___ = ___ + ___

27 = ___ + ___
64 = ___ + ___
___ = ___ + ___

16 = ___ + ___
75 = ___ + ___
___ = ___ + ___

58 = ___ + ___
25 = ___ + ___
___ = ___ + ___

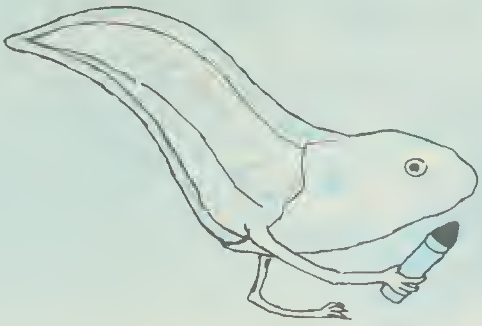
57 = ___ + ___
36 = ___ + ___
___ = ___ + ___

64 = ___ + ___
26 = ___ + ___
___ = ___ + ___

63 = ___ + ___
29 = ___ + ___
___ = ___ + ___

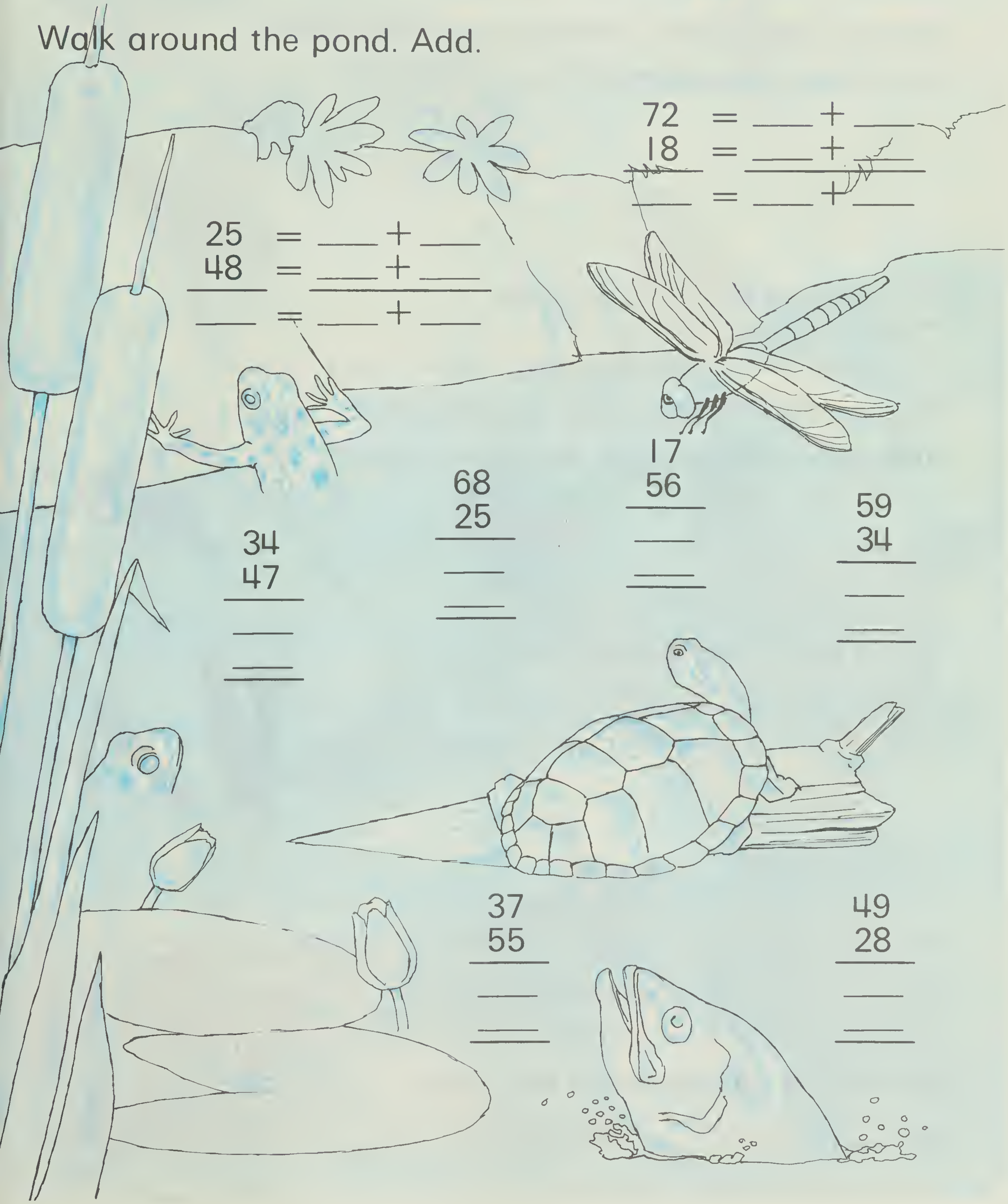
44 = ___ + ___
38 = ___ + ___
___ = ___ + ___

16 = 10 + 6
57 = 50 + 7
73 = 60 + 13



27
36
13
50
63

Walk around the pond. Add.



72 = ___ + ___
18 = ___ + ___
___ = ___ + ___

25 = ___ + ___
48 = ___ + ___
___ = ___ + ___

17
56
___
___

68
25
___
___

59
34
___
___

34
47
___
___

37
55
___
___

49
28
___
___

I saw 34 ducks. Vic saw 57 ducks.
How many ducks did we see?

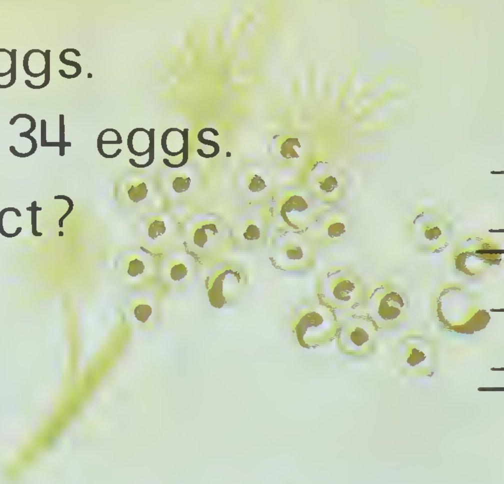
34
+ 57
11
80
91

We saw 91 ducks.

Manuel counted 64 tadpoles and 29 tadpoles.
How many tadpoles did he count?

Manuel counted ___ tadpoles.

Tina and Jill were collecting frogs' eggs.
Tina caught 18 eggs and Jill caught 34 eggs.
How many frogs' eggs did they collect?



They collected ___ frogs' eggs.

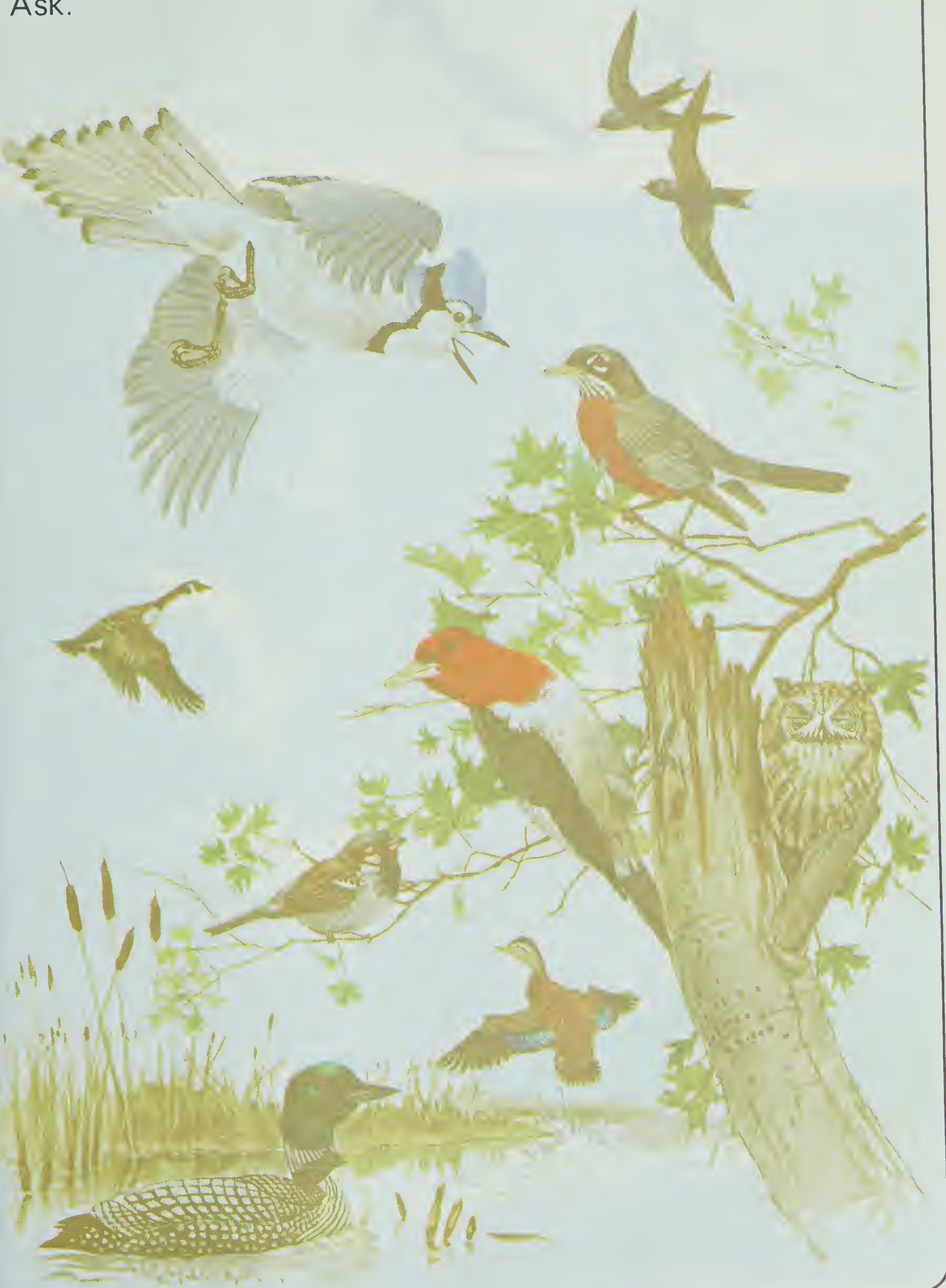
Adam picked 46 cattails
and Stephan picked 38 cattails.
How many cattails did they pick?

They picked ___ cattails.

Melissa picked blossoms for her mother.
She had 12 pink blossoms
and 49 yellow blossoms.
How many blossoms did she pick?

Melissa picked ___ blossoms.

Ask.



13 = 10 + 3
2 = 2
11 = 10 + 1

46 = 40 + 6
21 = 20 + 1
25 = 20 + 5

Subtract.

29 = ___ + ___
7 = ___
___ = ___ + ___

gannet

87 = ___ + ___
35 = ___ + ___
___ = ___ + ___

74 = ___ + ___
23 = ___ + ___
___ = ___ + ___

pelicans

34 = ___ + ___
13 = ___ + ___
___ = ___ + ___

seagull

36 = ___ + ___
4 = ___
___ = ___ + ___

grey heron

green heron

75 = ___ + ___
2 = ___
___ = ___ + ___

48 = ___ + ___
18 = ___ + ___
___ = ___ + ___

bittern

55 = ___ + ___
3 = ___
___ = ___ + ___

78 = ___ + ___
68 = ___ + ___
___ = ___ + ___

24 = 20 + 4 = 10 + 14

39 = 30 + 9 = 20 + 19

Complete.

52 = 50 + 2 = 40 + ____

83 = 80 + 3 = 70 + ____

29 = 20 + 9 = 10 + ____

47 = 40 + 7 = 30 + ____

68 = 60 + 8 = 50 + ____

20 = 20 + 0 = 10 + ____

94 = 90 + 4 = ____ + ____

39 = 30 + 9 = ____ + ____

71 = 70 + 1 = ____ + ____

35 = 30 + 5 = ____ + ____

40 = 40 + 0 = ____ + ____

56 = 50 + 6 = ____ + ____

42 = 40 + 2 = 30 + 12
5 = 5 = 5
37 = 30 + 7

Subtract.

34 = 30 + 4 = 20 + ___
6 = 6 = 6
___ = ___ + ___

71 = ___ + ___ = ___ + ___
3 = ___ = ___
___ = ___ + ___

82 = 80 + 2 = 70 + ___
4 = 4 = 4
___ = ___ + ___

25 = 20 + 5 = 10 + ___
8 = 8 = 8
___ = ___ + ___

46 = ___ + ___ = ___ + ___
9 = ___ = ___
___ = ___ + ___

62 = ___ + ___ = ___ + ___
9 = ___ = ___
___ = ___ + ___

95 = ___ + ___ = ___ + ___
7 = ___ = ___
___ = ___ + ___

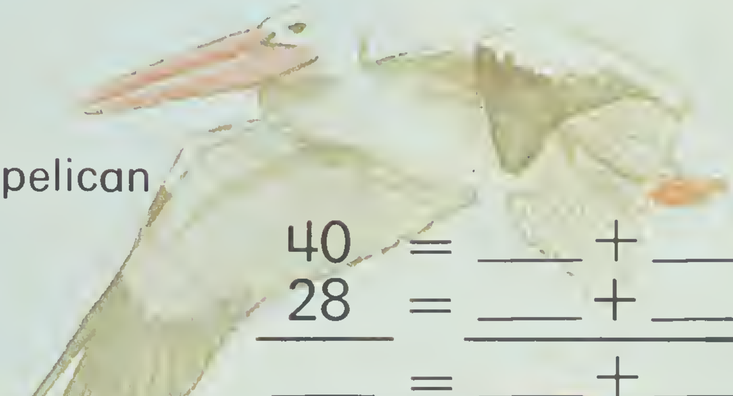
72 = 60 + 12
39 = 30 + 9
33 = 30 + 3

Subtract.

54 = ___ + ___
18 = ___ + ___
___ = ___ + ___

92 = ___ + ___
37 = ___ + ___
___ = ___ + ___

85 = ___ + ___
26 = ___ + ___
___ = ___ + ___



white pelican

40 = ___ + ___
28 = ___ + ___
___ = ___ + ___

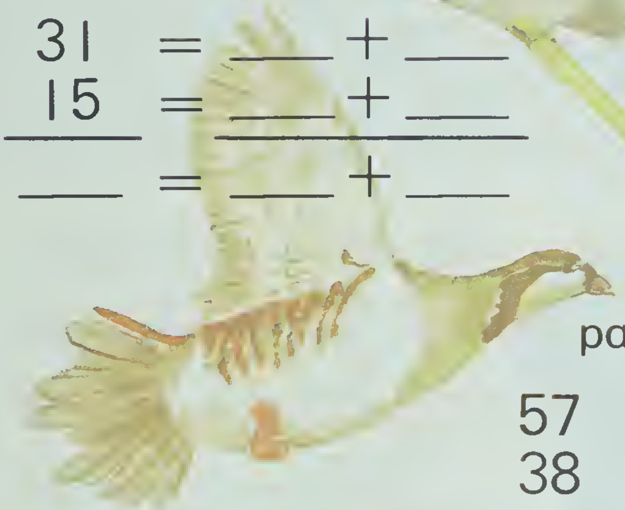
63 = ___ + ___
26 = ___ + ___
___ = ___ + ___

egret

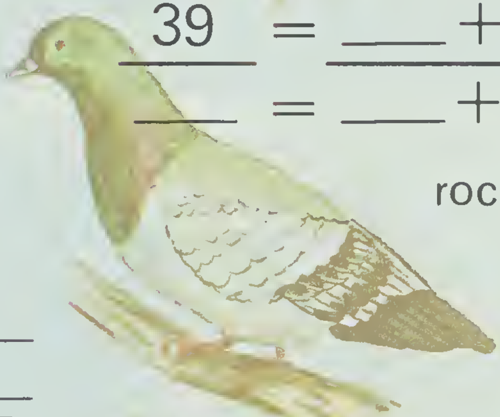
wood thrush

31 = ___ + ___
15 = ___ + ___
___ = ___ + ___

76 = ___ + ___
39 = ___ + ___
___ = ___ + ___



partridge

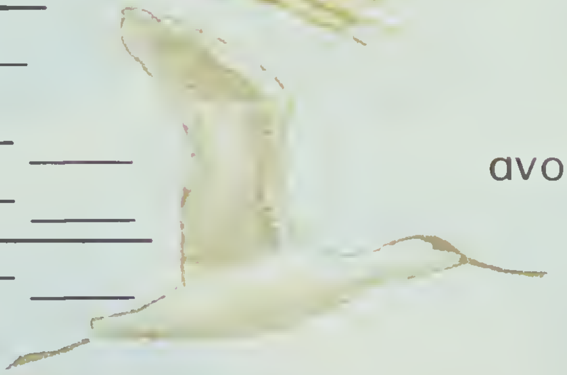


rock dove

57 = ___ + ___
38 = ___ + ___
___ = ___ + ___

80 = ___ + ___
53 = ___ + ___
___ = ___ + ___

eider duck



avocet

Canada goose

94 = ___ + ___
45 = ___ + ___
___ = ___ + ___

sparrow

32 = 20 + 12
14 = 10 + 4
18 = 10 + 8

snow geese

Subtract.

73 = ___ + ___
27 = ___ + ___
___ = ___ + ___

40 = ___ + ___
13 = ___ + ___
___ = ___ + ___

stormy petrel

44 = ___ + ___
29 = ___ + ___
___ = ___ + ___

46 = ___ + ___
19 = ___ + ___
___ = ___ + ___

81 = ___ + ___
69 = ___ + ___
___ = ___ + ___

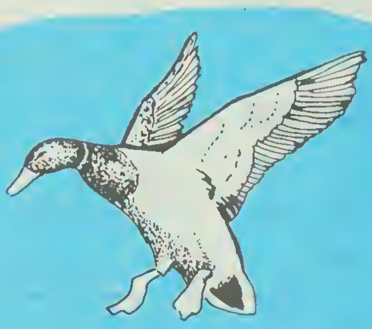
black duck

66 = ___ + ___
28 = ___ + ___
___ = ___ + ___

50 = ___ + ___
25 = ___ + ___
___ = ___ + ___

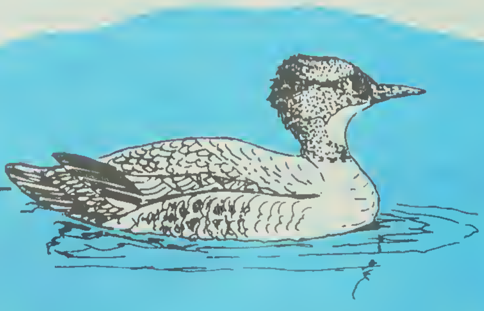
92 = ___ + ___
26 = ___ + ___
___ = ___ + ___

35 = ___ + ___
17 = ___ + ___
___ = ___ + ___


mallard

75 = ___ + ___
38 = ___ + ___
___ = ___ + ___

91 = ___ + ___
57 = ___ + ___
___ = ___ + ___


hooded merganser

82 = ___ + ___
64 = ___ + ___
___ = ___ + ___

There were 41 birds. 17 flew away.
How many birds were left?

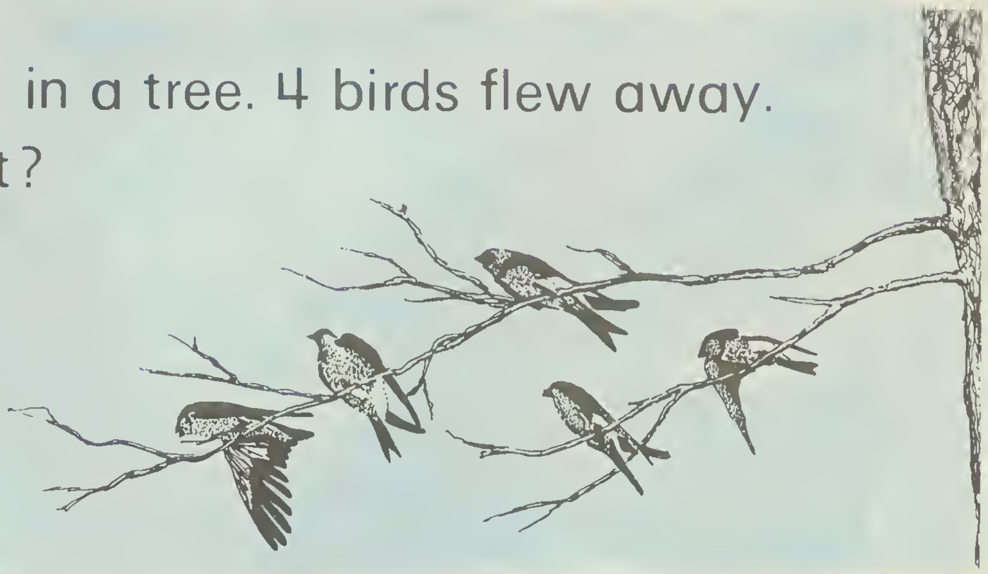
41 = 30 + 11
17 = 10 + 7
24   20 + 4

24 birds were left.

Scott saw 31 birds sitting in a tree. 4 birds flew away.
How many birds were left?

___ = ___ + ___
___ = ______ ___

___ birds were left.



Michael watched a flock of 28 birds.
9 birds stopped for a rest in a tree.
How many birds were left in the flock?

___ = ___ + ___
___ = ______ ___

___ birds were left in the flock.

There were 73 strawberries in the garden.
The birds ate 58 strawberries.
How many berries were left?

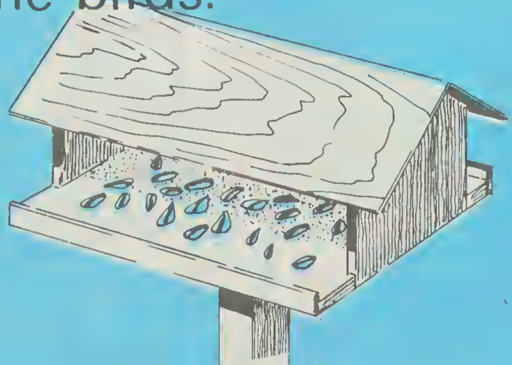
___ = ___ + ___
___ = ___ + ___

___ strawberries were left.

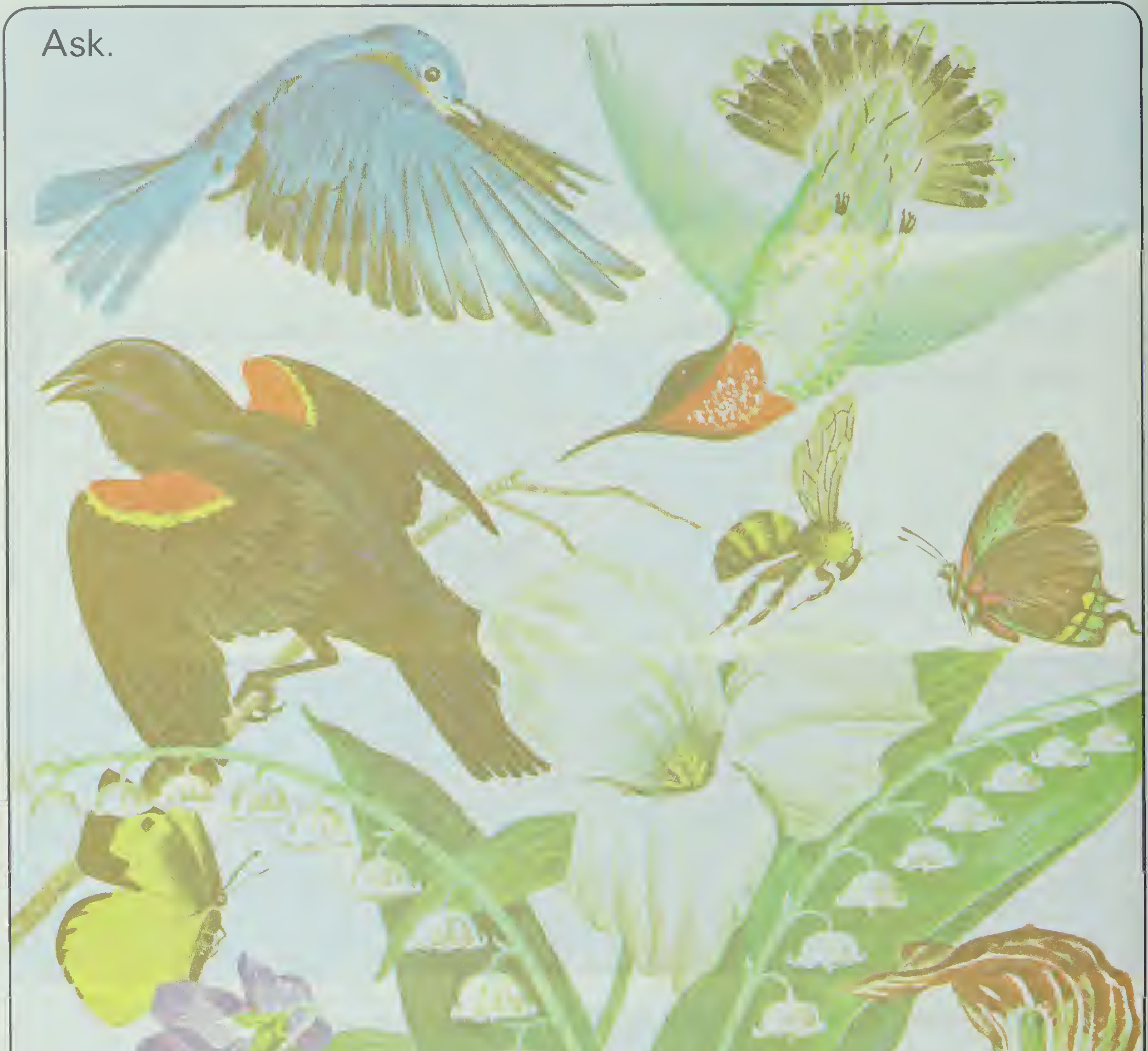
Sarah put 50 sunflower seeds out for the birds.
The birds ate 33 sunflower seeds.
How many seeds were left?

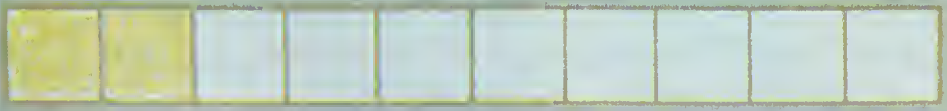
___ = ___ + ___
___ = ___ + ___

___ sunflower seeds were left.



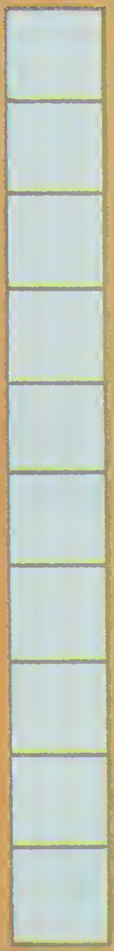
Ask.



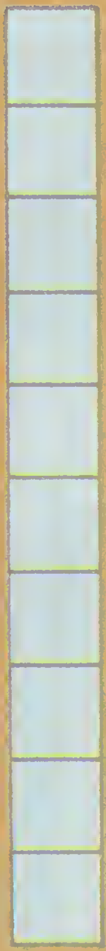


$\frac{2}{10}$

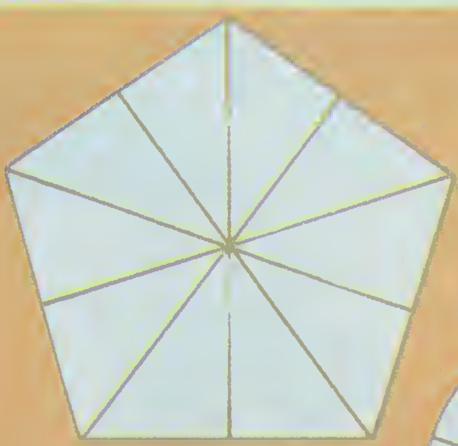
Colour to show the fractions.



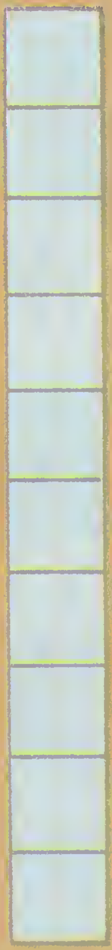
$\frac{4}{10}$



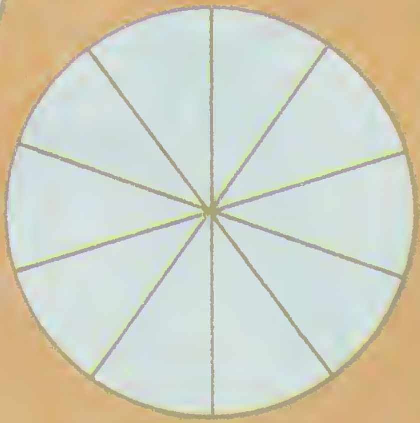
$\frac{7}{10}$



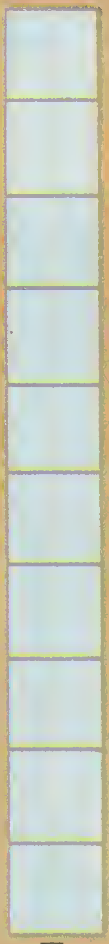
$\frac{9}{10}$



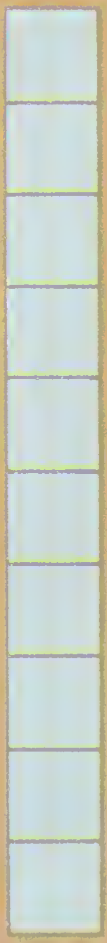
$\frac{1}{10}$



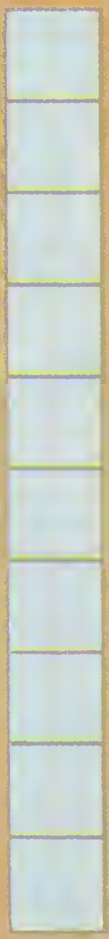
$\frac{8}{10}$



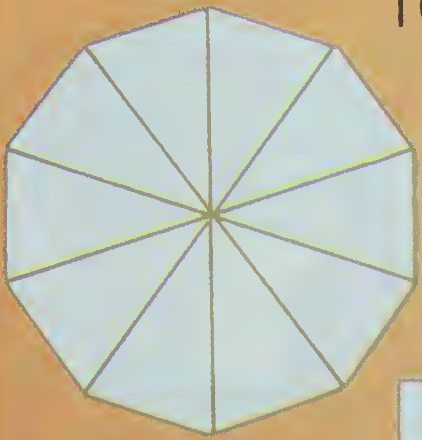
$\frac{5}{10}$



$\frac{8}{10}$

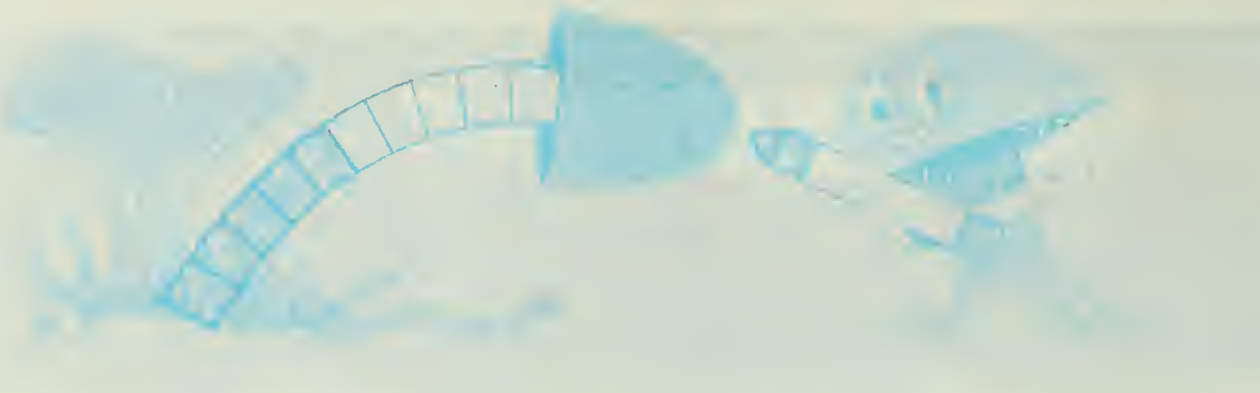


$\frac{3}{10}$



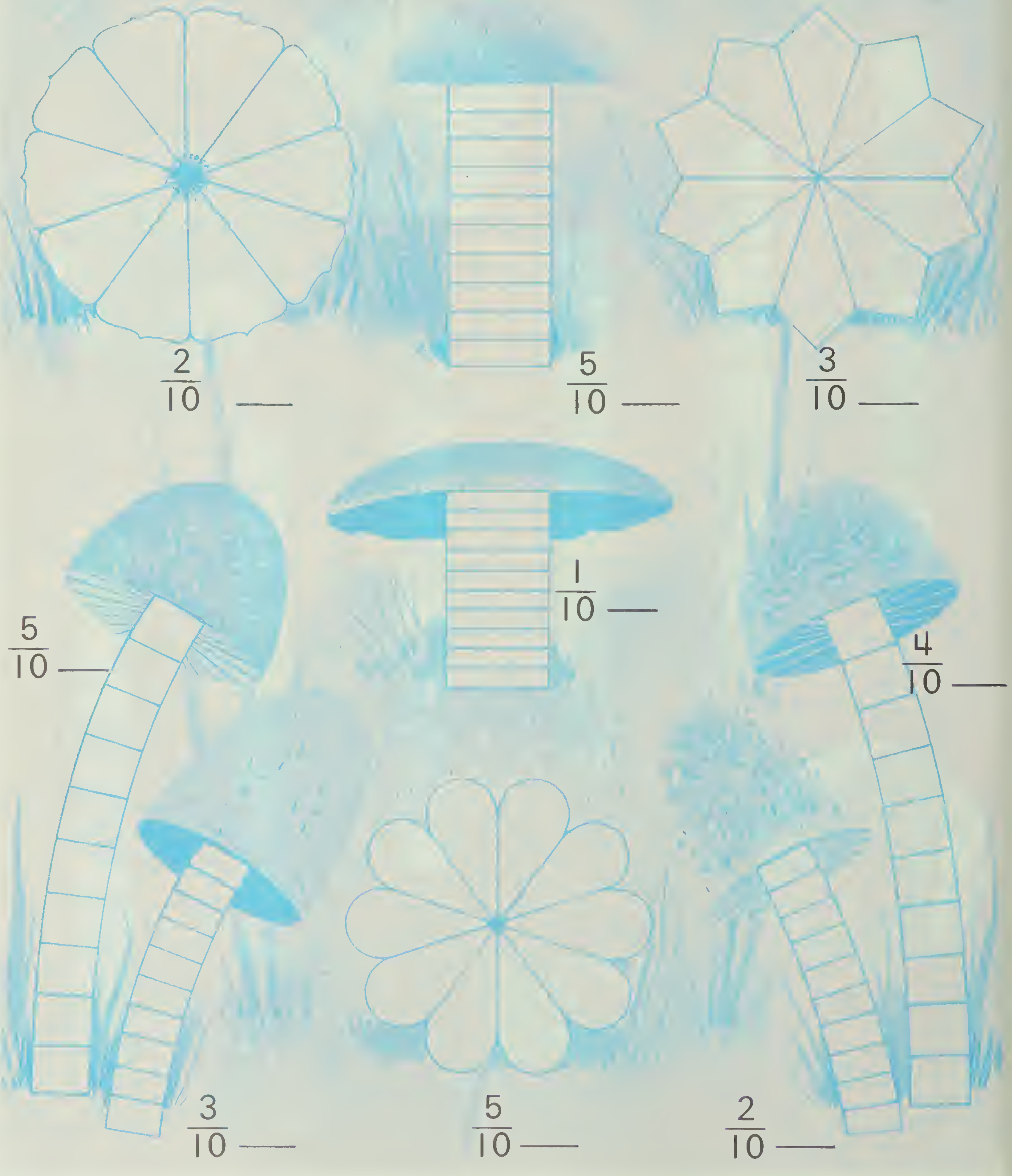
$\frac{6}{10}$

$\frac{2}{10}$



$\frac{5}{10}$ 0.5

Colour. Print the decimals.



$\frac{2}{10}$ ____

$\frac{5}{10}$ ____

$\frac{3}{10}$ ____

$\frac{5}{10}$ ____

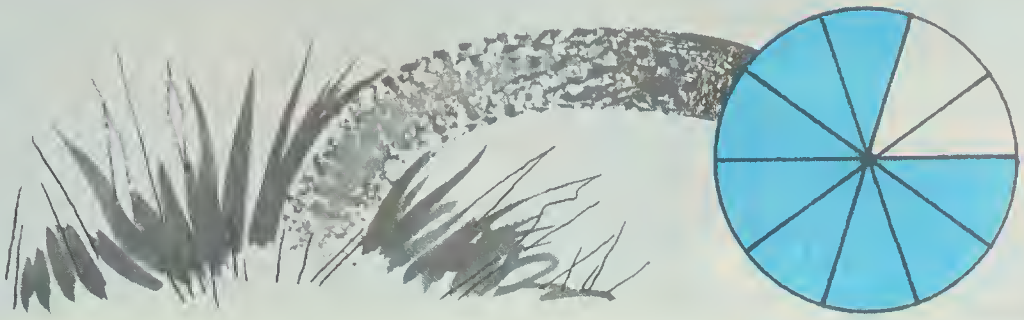
$\frac{1}{10}$ ____

$\frac{4}{10}$ ____

$\frac{3}{10}$ ____

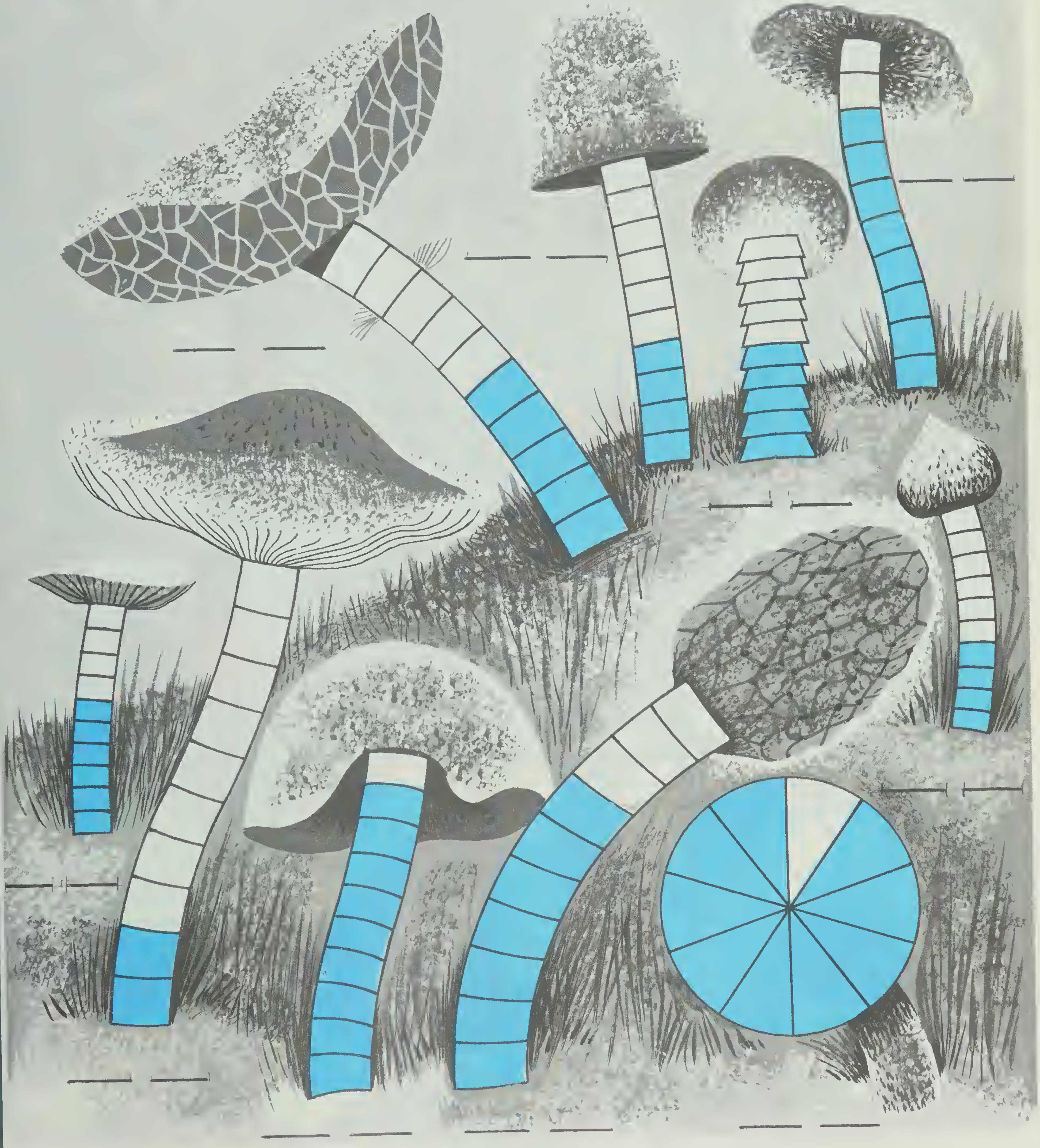
$\frac{5}{10}$ ____

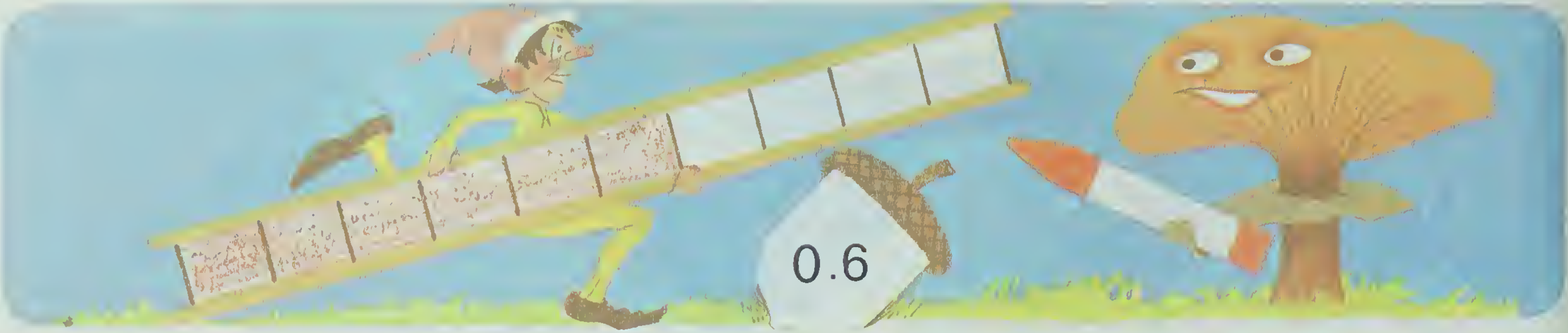
$\frac{2}{10}$ ____

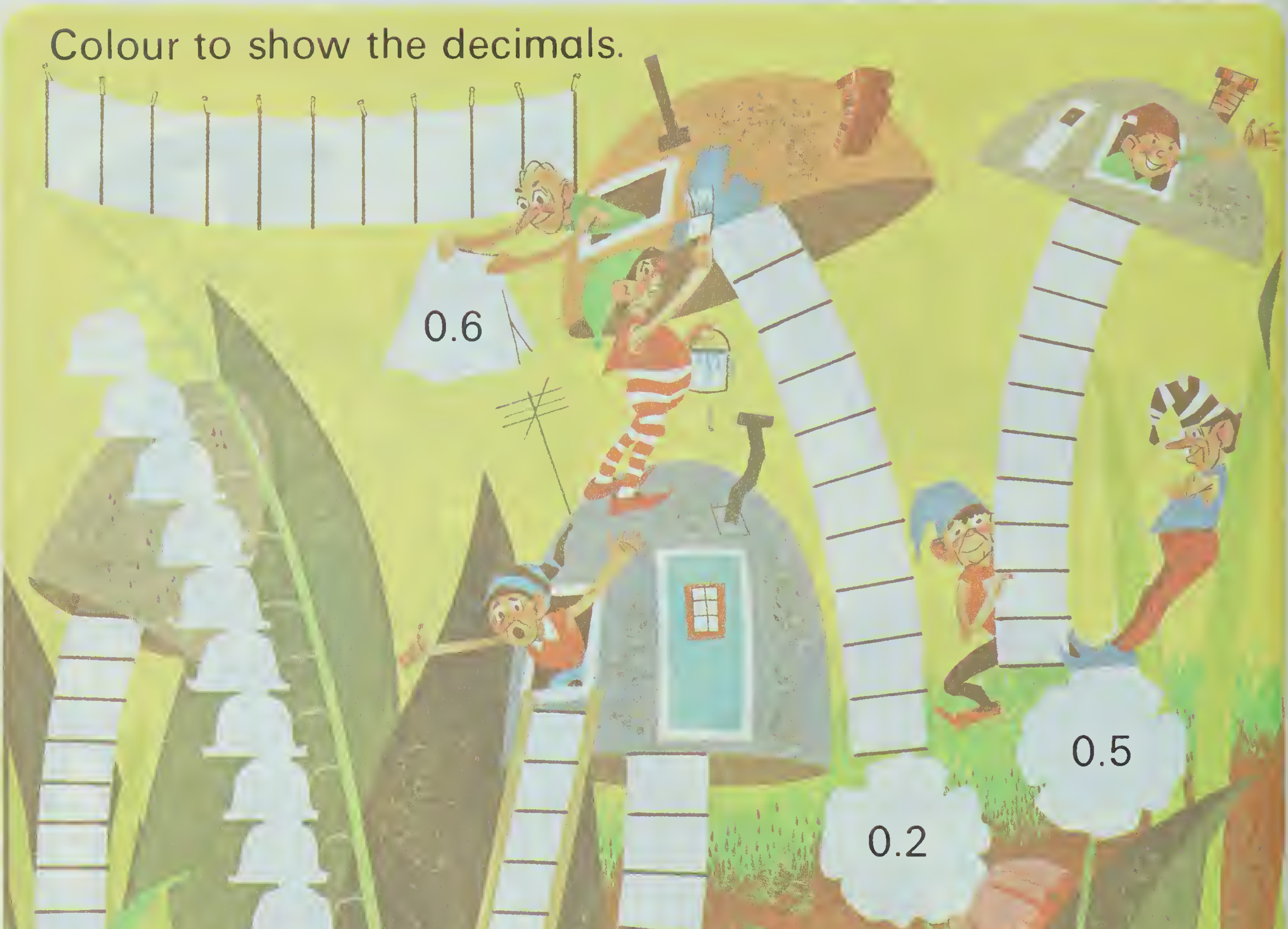


$\frac{8}{10}$ 0.8

Print the fractions and decimals.

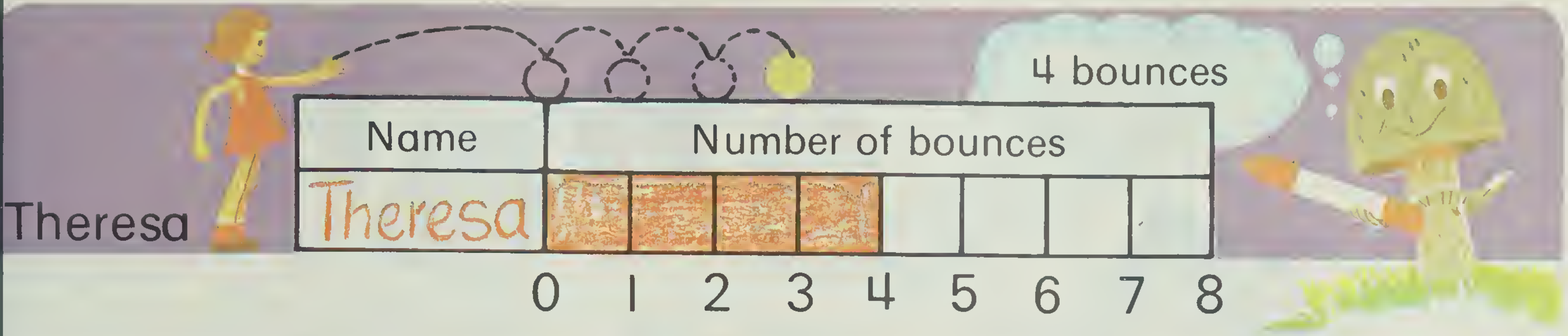






Colour to show the decimals.

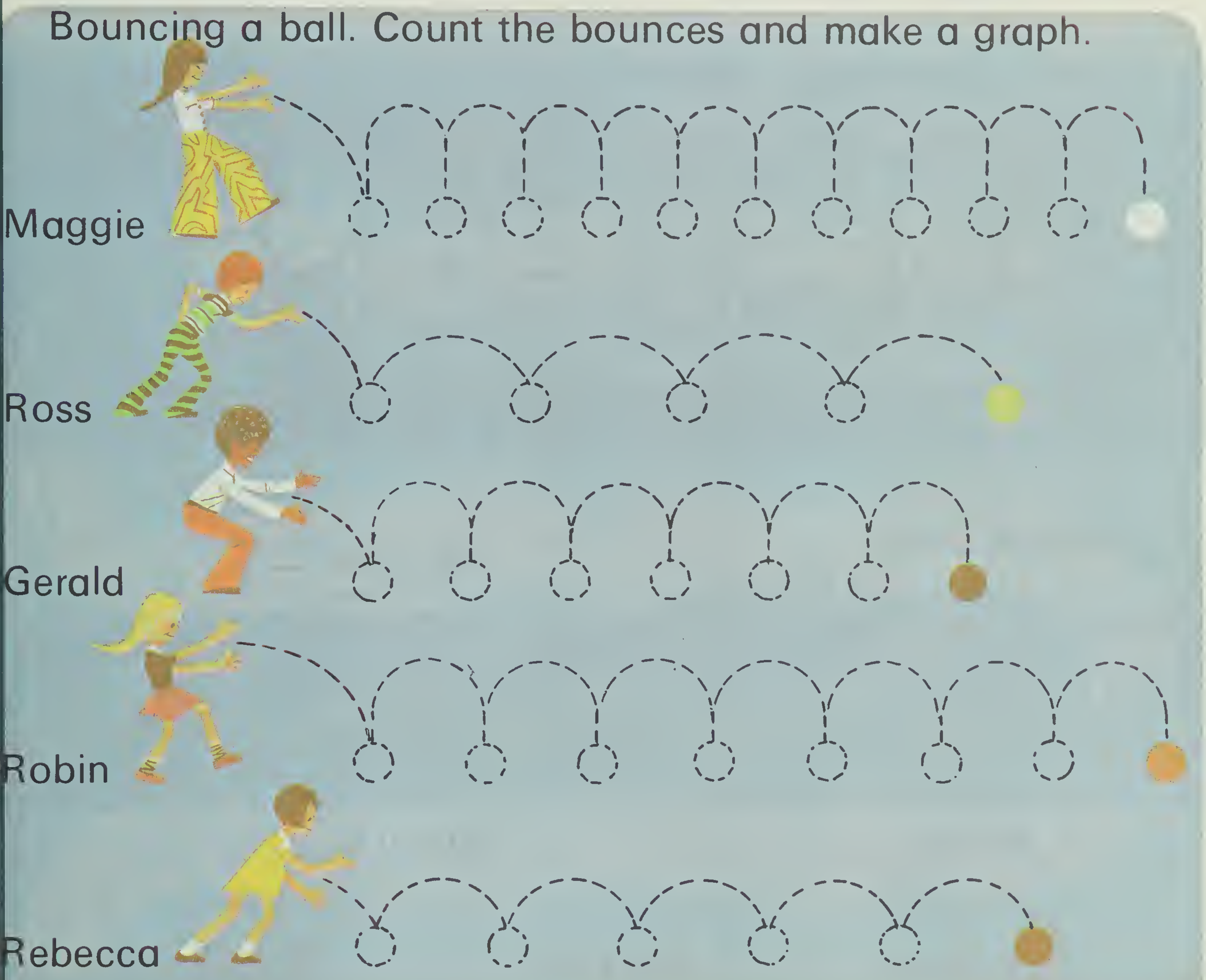
0.6
0.5
0.2
0.7
0.1
0.3
0.6
0.9
0.4


Theresa
4 bounces

Name	Number of bounces							
Theresa	▨	▨	▨	▨				

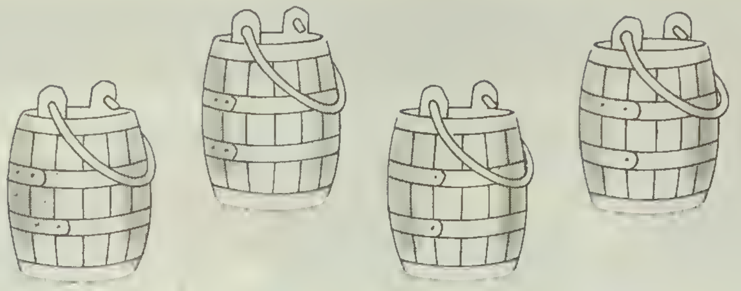
0 1 2 3 4 5 6 7 8

Bouncing a ball. Count the bounces and make a graph.


Maggie
Ross
Gerald
Robin
Rebecca

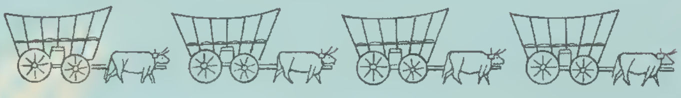
Name	Number of bounces														

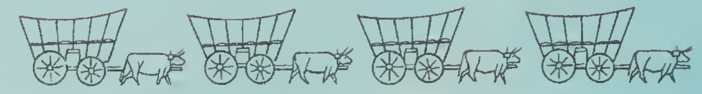
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



$1 \times 4 = \underline{4}$ $4 \div 4 = \underline{1}$

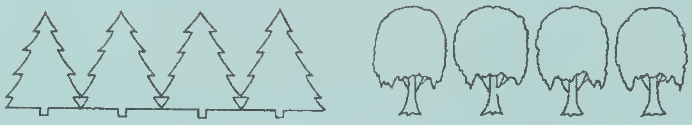
Follow the wagon trail.

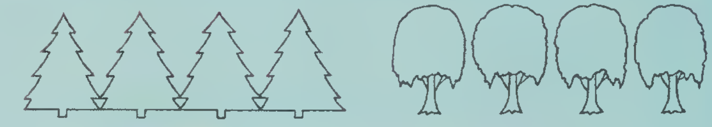




$2 \times 4 = \_\_\_$

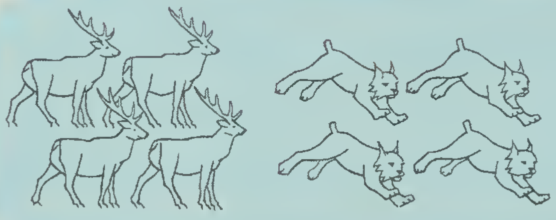
$8 \div 4 = \_\_\_$

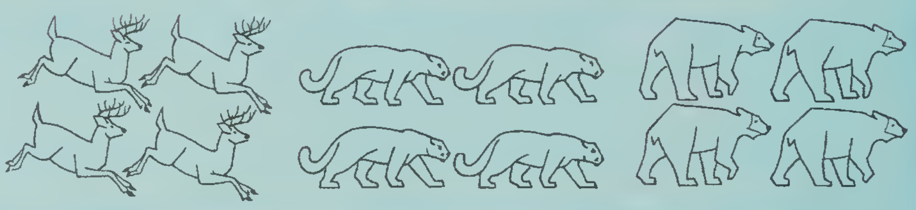




$4 \times 4 = \_\_\_$

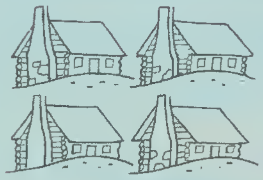
$16 \div 4 = \_\_\_$

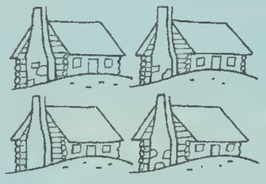


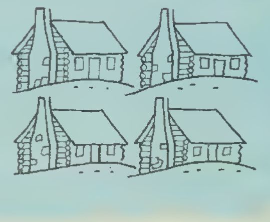


$5 \times 4 = \_\_\_$

$20 \div 4 = \_\_\_$







$3 \times 4 = \_\_\_$

$12 \div 4 = \_\_\_$

$2 \times 4 = \_\_\_$

$4 \div 4 = \_\_\_$

$16 \div 4 = \_\_\_$

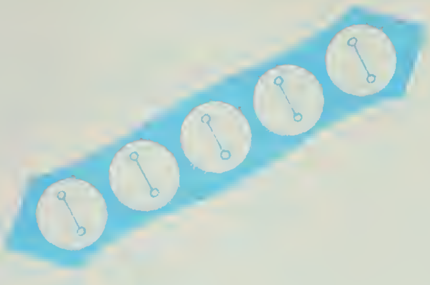
$3 \times 4 = \_\_\_$

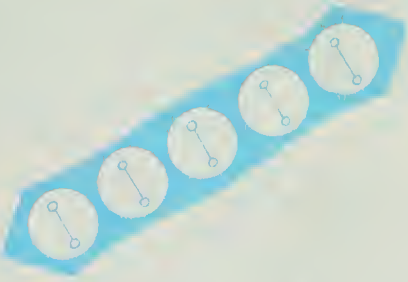
$1 \times 4 = \_\_\_$

$12 \div 4 = \_\_\_$

$5 \times 4 = \_\_\_$

$4 \times 4 = \_\_\_$

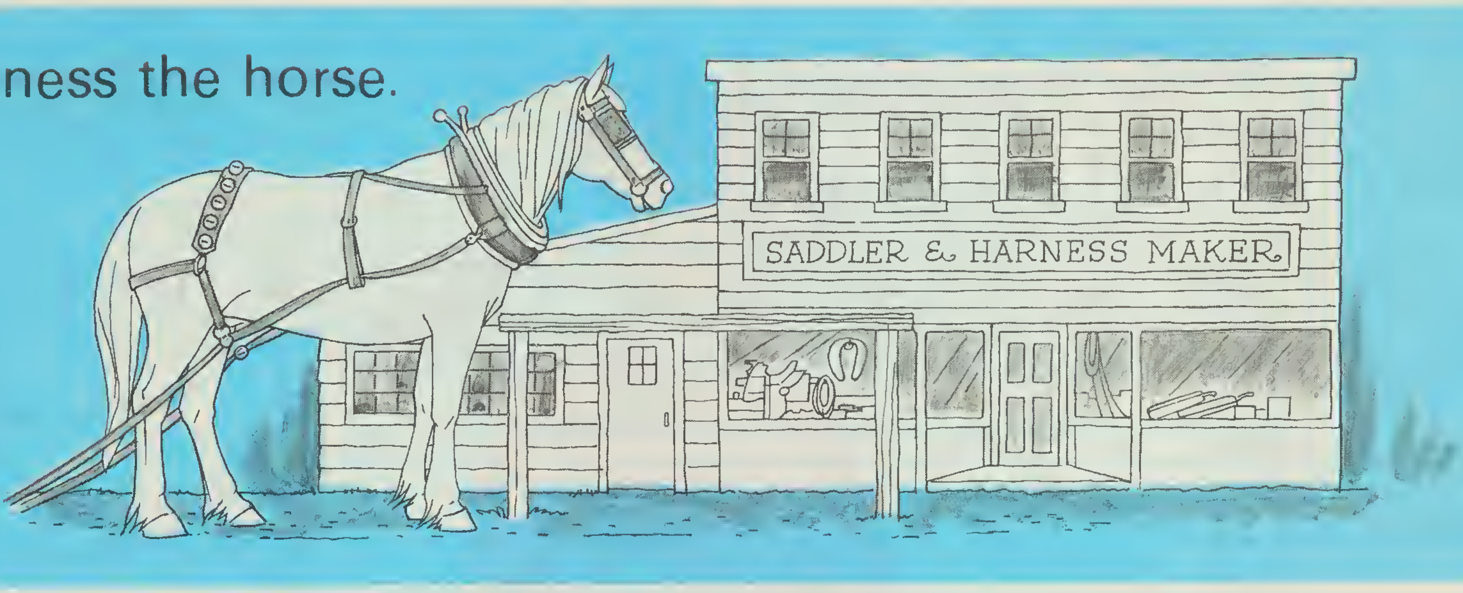


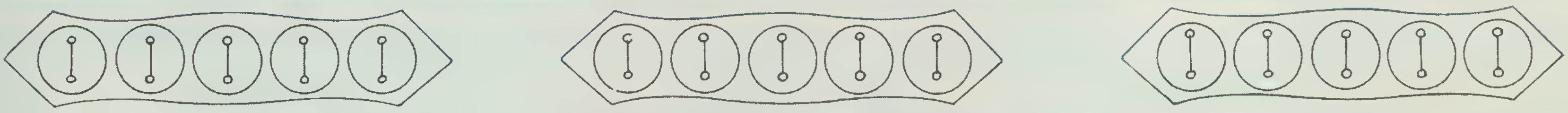


2 × 5 = 10

10 ÷ 5 = 2

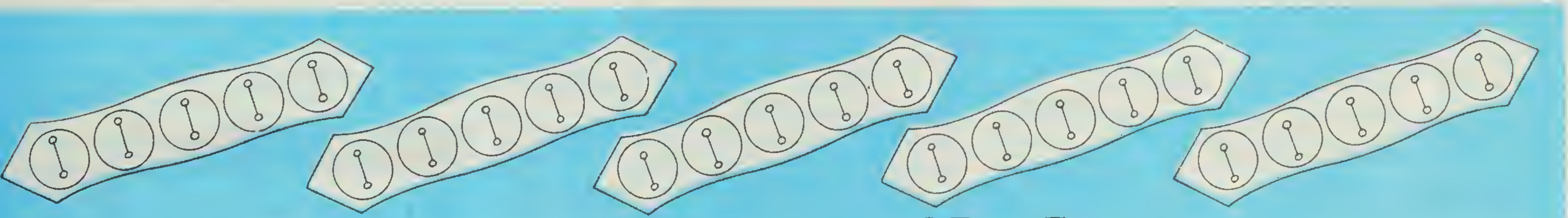
Harness the horse.


SADDLER & HARNESS MAKER



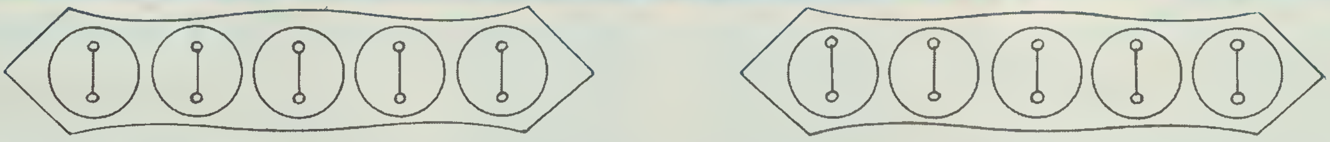
3 × 5 = ____

15 ÷ 5 = ____



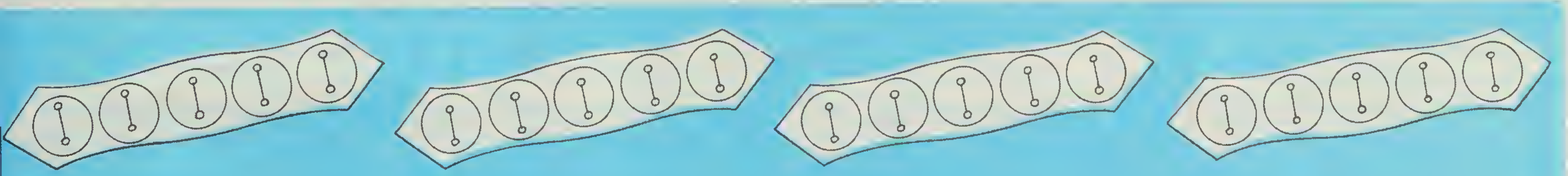
5 × 5 = ____

25 ÷ 5 = ____



2 × 5 = ____

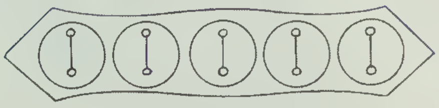
10 ÷ 5 = ____



4 × 5 = ____

20 ÷ 5 = ____

1 × 5 = ____



5 ÷ 5 = ____

1 × 4 = 4

4 ÷ 4 = 1

4 × 1 = 4

4 ÷ 1 = 4

Hoe the garden.

2 × 5 = ___

5 × 2 = ___

2 × 3 = ___

3 × 2 = ___

2 × 4 = ___

4 × 2 = ___

4 × 5 = ___

5 × 4 = ___

3 × 5 = ___

5 × 3 = ___

3 × 4 = ___

4 × 3 = ___

10 ÷ 5 = ___

10 ÷ 2 = ___

6 ÷ 3 = ___

6 ÷ 2 = ___

8 ÷ 4 = ___

8 ÷ 2 = ___

20 ÷ 5 = ___

20 ÷ 4 = ___

15 ÷ 5 = ___

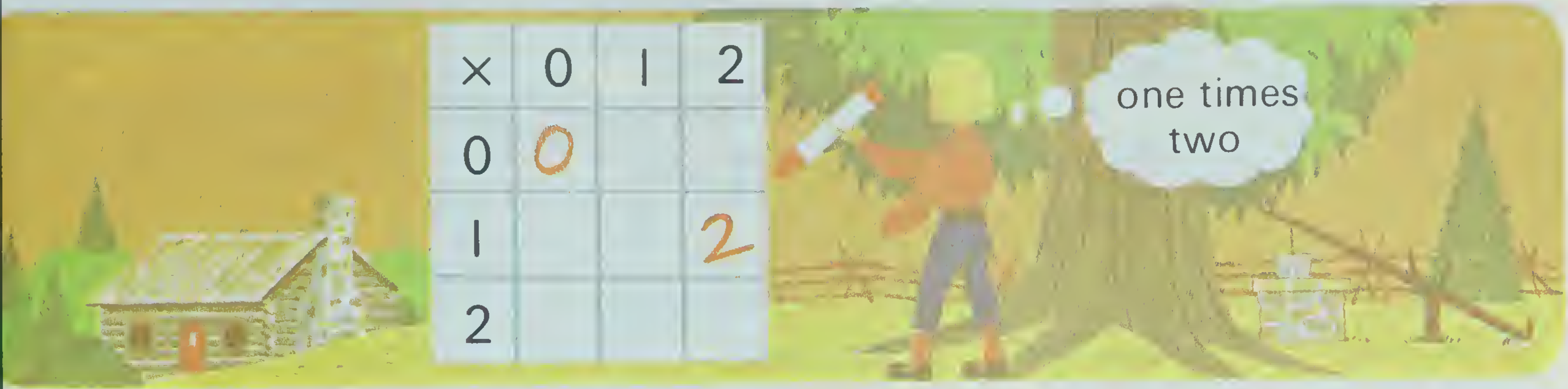
15 ÷ 3 = ___

12 ÷ 4 = ___

12 ÷ 3 = ___

5 × ___ = 25

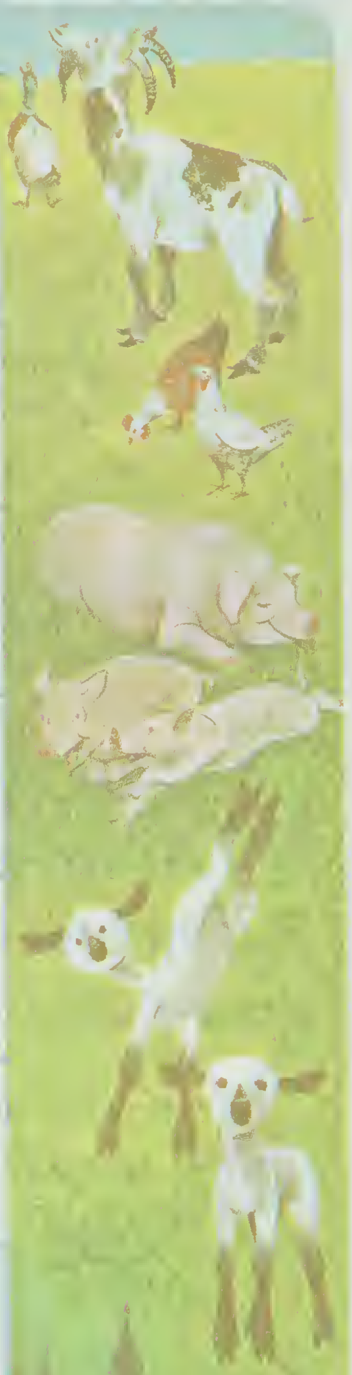
___ ÷ 5 = 5


one times two

×	0	1	2
0	0		
1			2
2			

Complete.

×	0	1	2	3	4	5
0						
1						
2						
3						
4						
5						



5 × 4 = ____

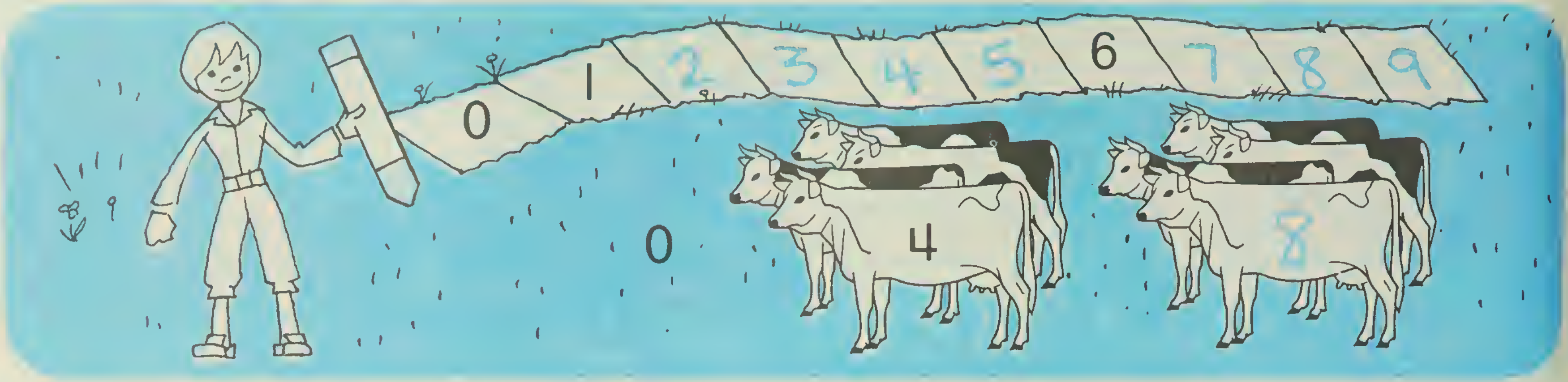
2 × ____ = 8

____ × 4 = 12

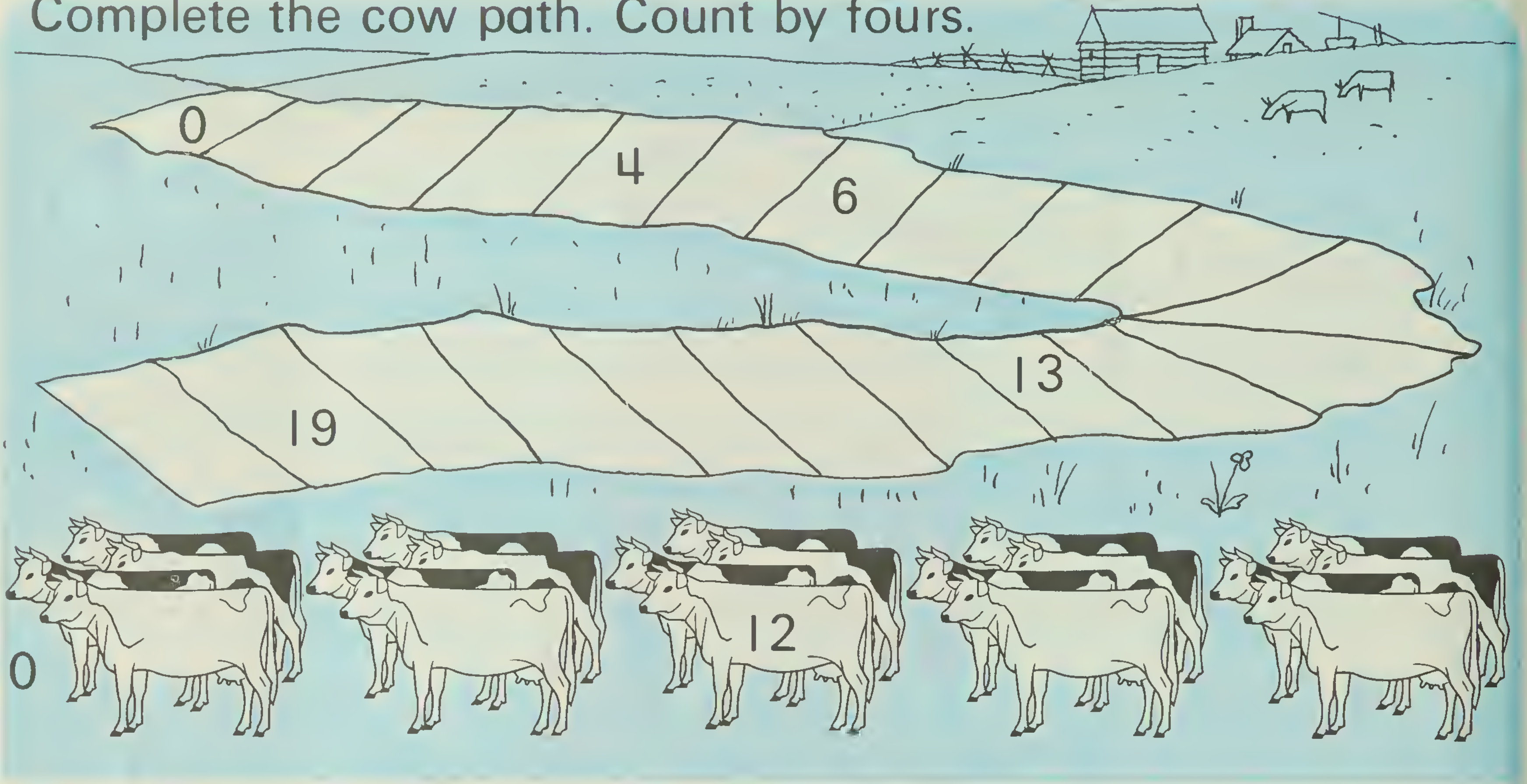
16 ÷ ____ = 4

____ ÷ 2 = 5

25 ÷ 5 = ____



Complete the cow path. Count by fours.



Daniel had 3 covered wagons with 4 wheels on each wagon.
How many wagon wheels were there?

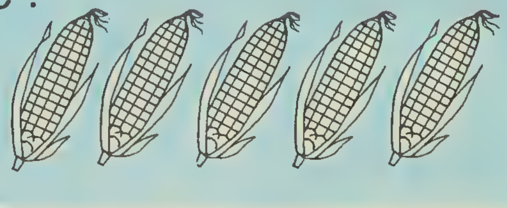
______

There were ___ wagon wheels.

Josephine gave 20 cobs of corn to her brothers.
She gave 5 cobs to each brother.
How many brothers does Josephine have?

______

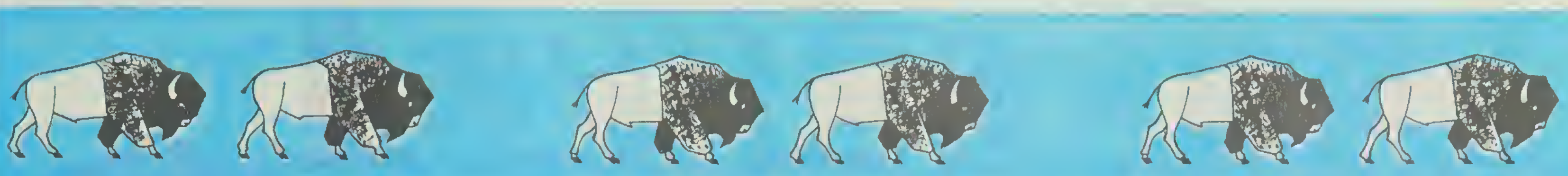
Josephine has ___ brothers.



Mother spins 2 balls of yarn each day. She worked 3 days.
How many balls of yarn did she spin?

______

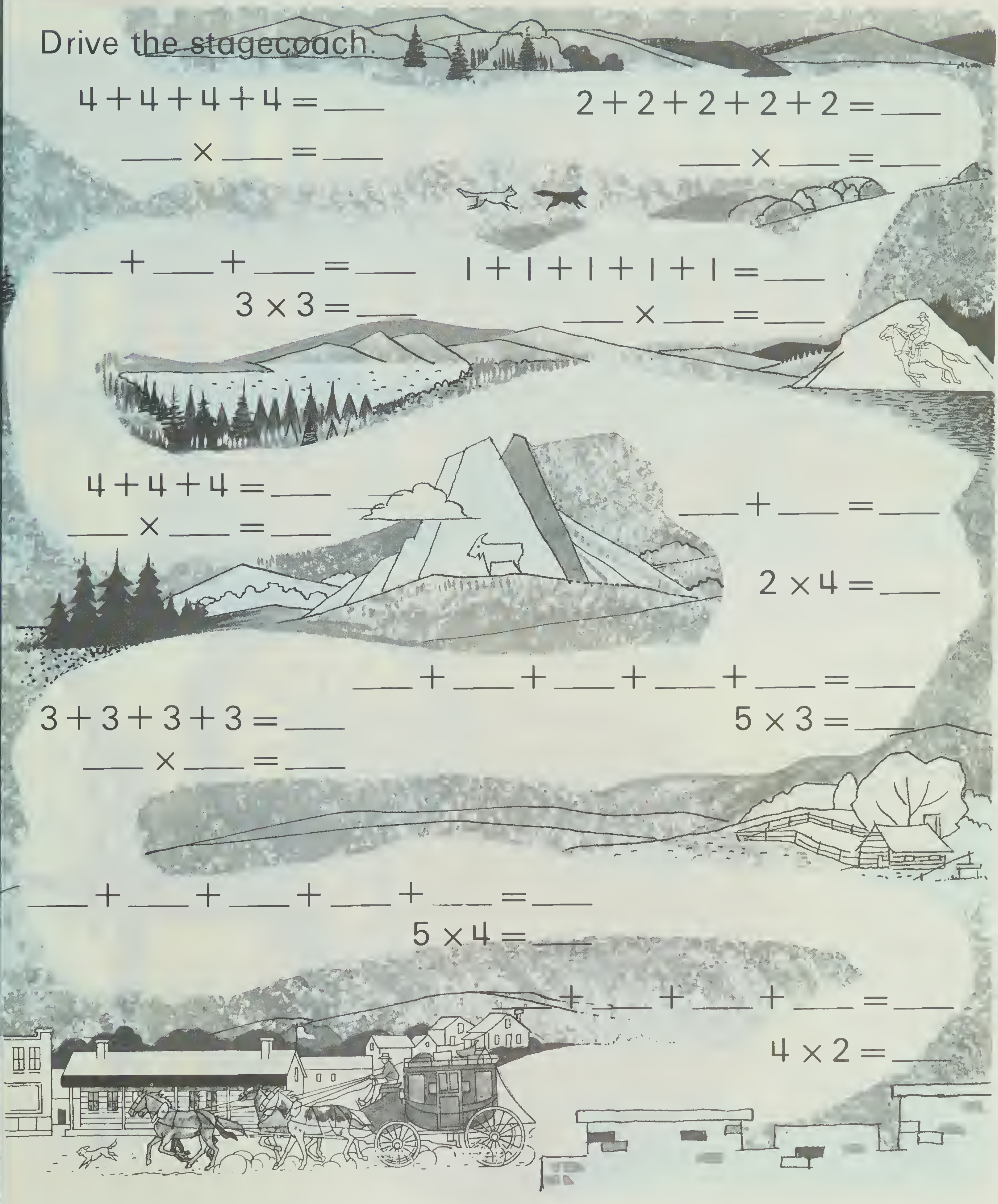
Mother spun ___ balls of yarn.



2 + 2 + 2 = 6

3 × 2 = 6

Drive the stagecoach.



4 + 4 + 4 + 4 = ___

___ × ___ = ___

2 + 2 + 2 + 2 + 2 = ___

___ × ___ = ___

1 + 1 + 1 + 1 + 1 = ___

___ × ___ = ___

___ + ___ + ___ = ___

3 × 3 = ___

4 + 4 + 4 = ___

___ × ___ = ___

___ + ___ = ___

2 × 4 = ___

___ + ___ + ___ + ___ + ___ = ___

5 × 3 = ___

3 + 3 + 3 + 3 = ___

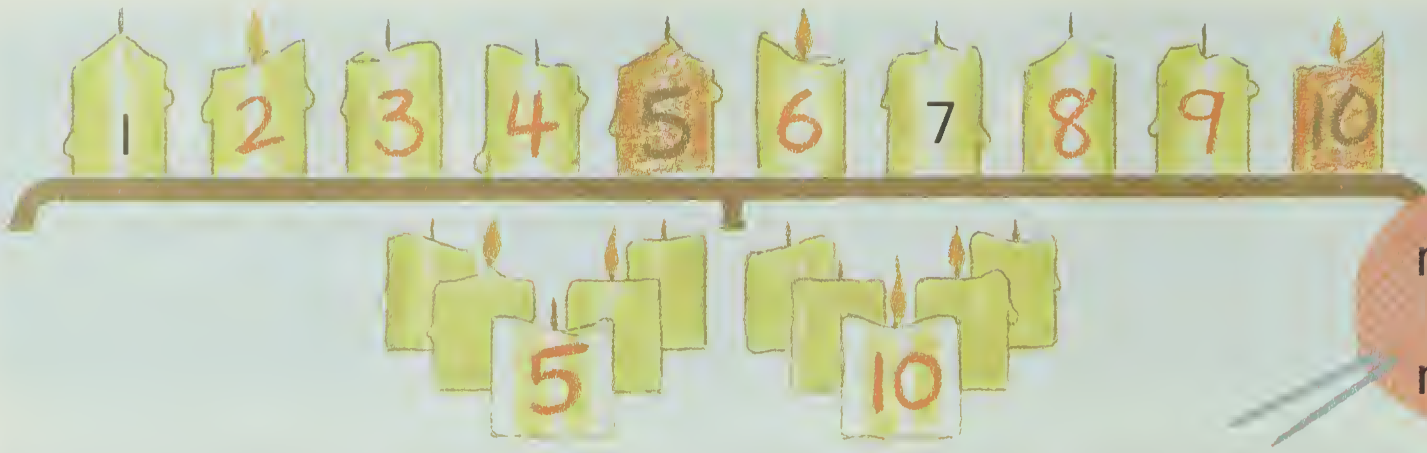
___ × ___ = ___

___ + ___ + ___ + ___ + ___ = ___

5 × 4 = ___

___ + ___ + ___ + ___ = ___

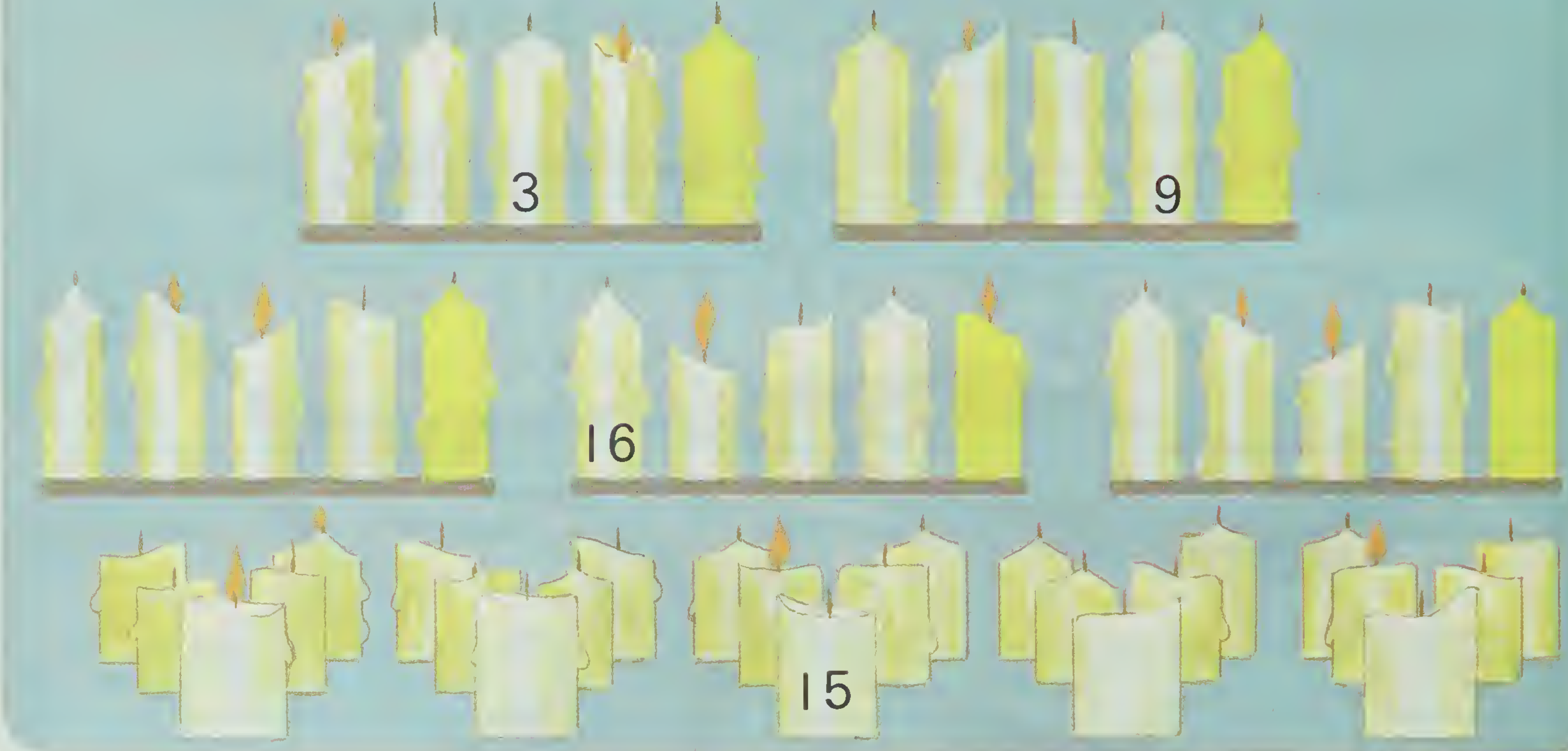
4 × 2 = ___


1
2
3
4
5
6
7
8
9
10
5
10

$n = 2 \times 4$

$n = $ 8

How many candles? Count by fives.



Spin the yarn.

$k = 5 \times 3$

$k = \_\_\_$

$d = 10 \div 5$

$d = \_\_\_$

$a = 4 \times 4$

$a = \_\_\_$

$v = 4 \div 4$

$v = \_\_\_$

$c = 2 \times 3$

$c = \_\_\_$

$w = 8 \div 4$

$w = \_\_\_$

$e = 1 \times 5$

$e = \_\_\_$

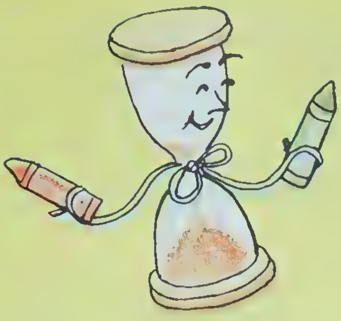
$n = 15 \div 5$

$n = \_\_\_$

1 = I

2 = II

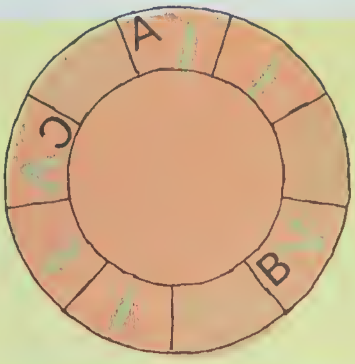
3 = III



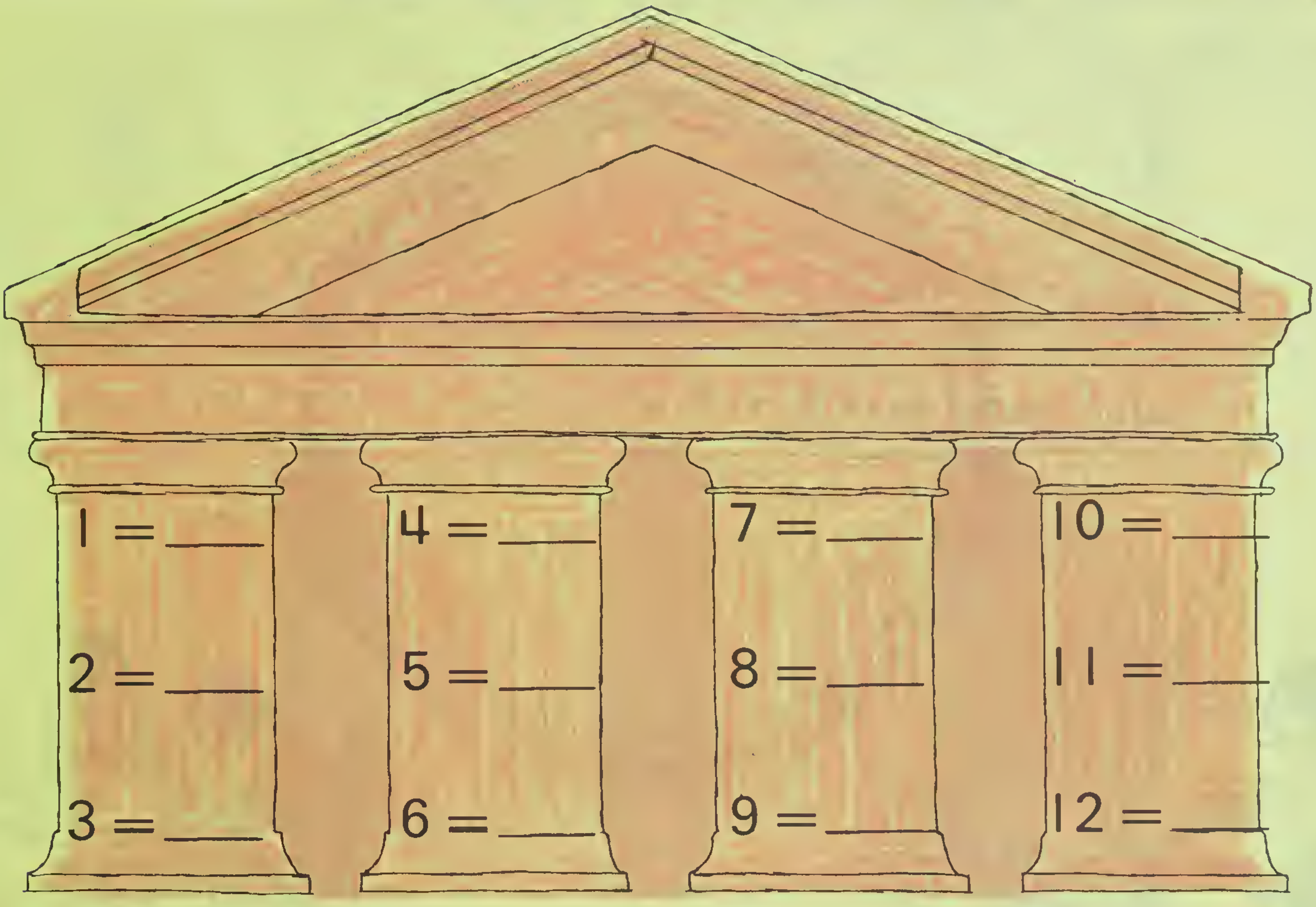
A 1 + 1

B 9 − 4

C 10 − 3



Print the Roman Numerals.



1 = ____

2 = ____

3 = ____

4 = ____

5 = ____

6 = ____

7 = ____

8 = ____

9 = ____

10 = ____

11 = ____

12 = ____

A 6 + 4

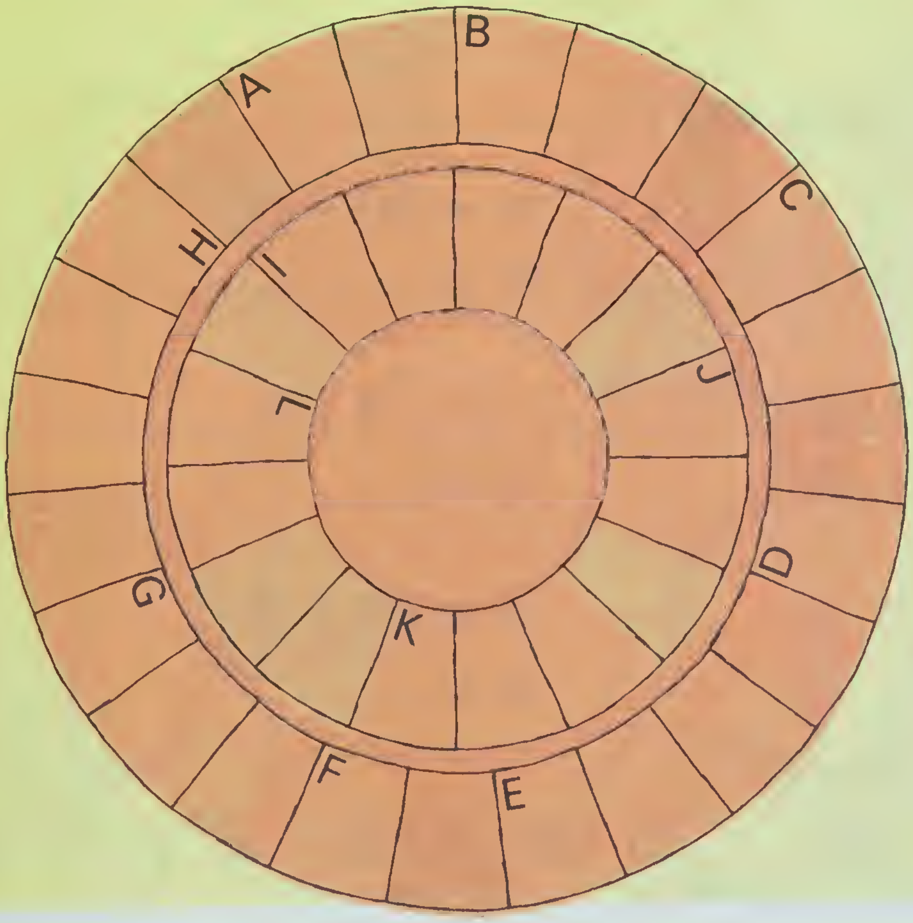
B 11 − 2

C 19 − 17

D 14 − 9

E 18 − 11

F 15 − 14


A
B
C
H
I
J
L
D
G
K
F
E

G 5 + 6

H 18 − 15

I 15 − 7

J 19 − 13

K 17 − 5

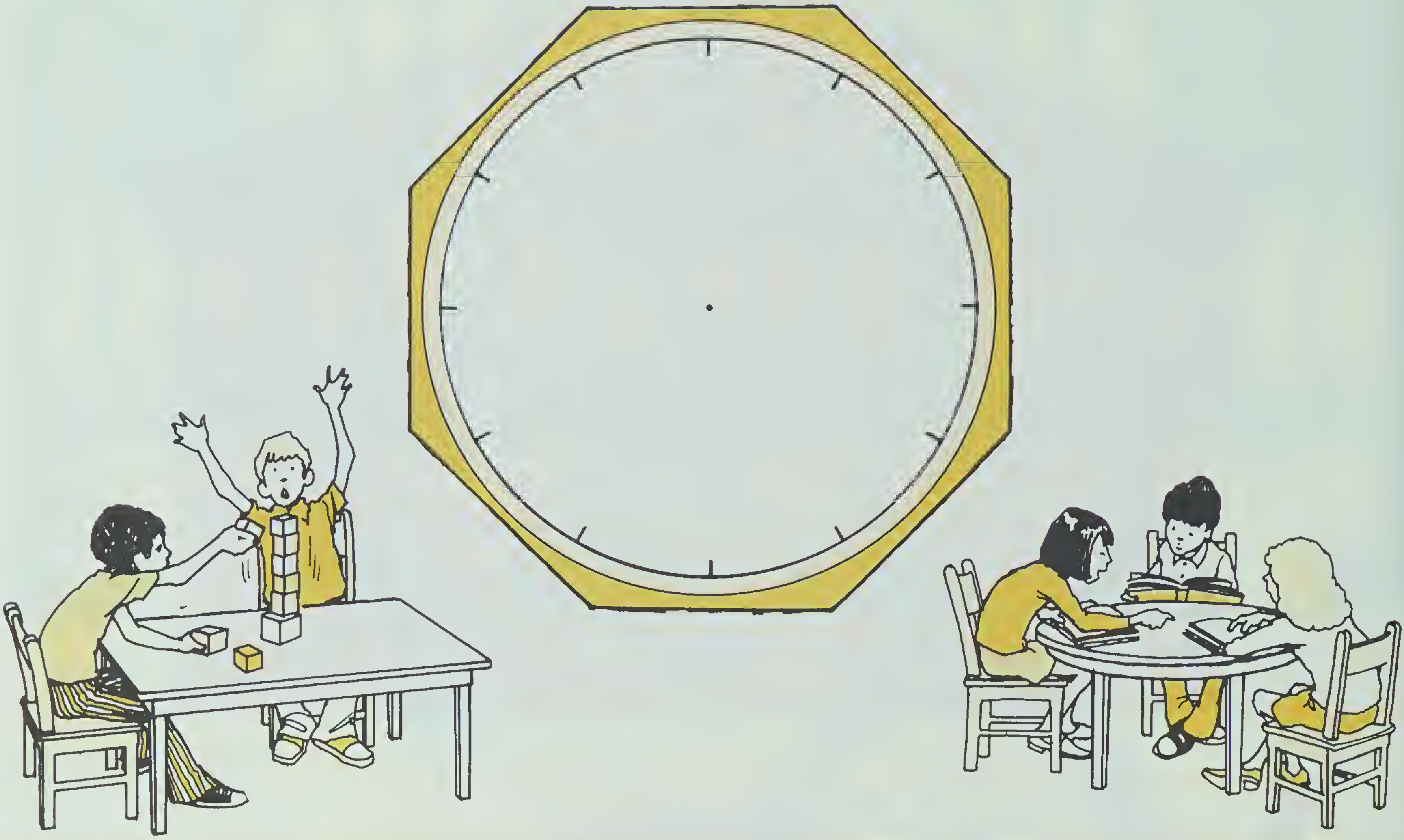
L 16 − 12

i = 9 + 1
i = 10

h = 20 − 15
h = 5

h i
V X

Print the Roman Numerals on the clock face.
Show 9:30.



What is the message?

r = 34 − 29
r = ___

m = 50 − 40
m = ___

a = 11 − 5
a = ___

n = 41 − 38
n = ___

o = 13 − 4
o = ___

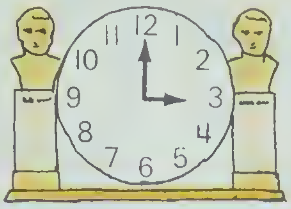
l = 19 − 18
l = ___

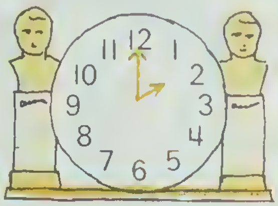
u = 14 − 6
u = ___

e = 10 + 2
e = ___

s = 17 − 13
s = ___

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___
V IX X VI III III VIII X XII V VI I IV



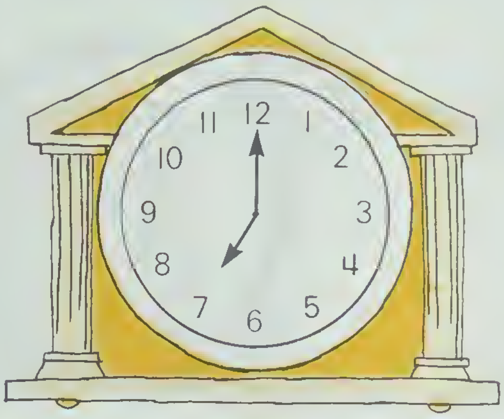


1 hour earlier

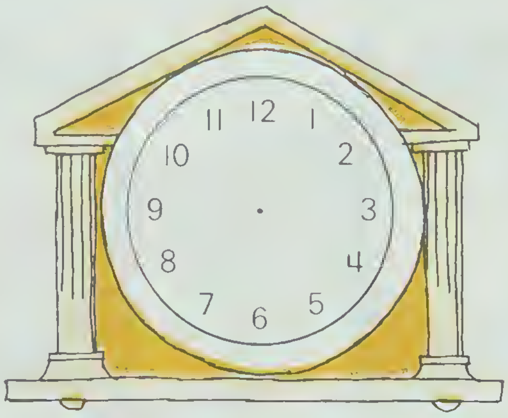
3:00

2:00

What time is it? Show and print the new time.

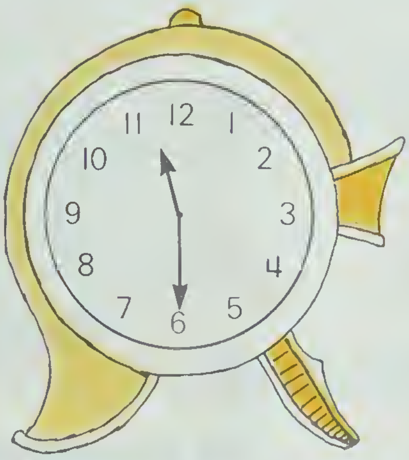


______

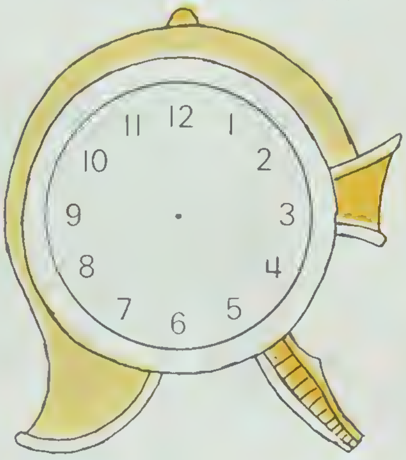


______

30 minutes later

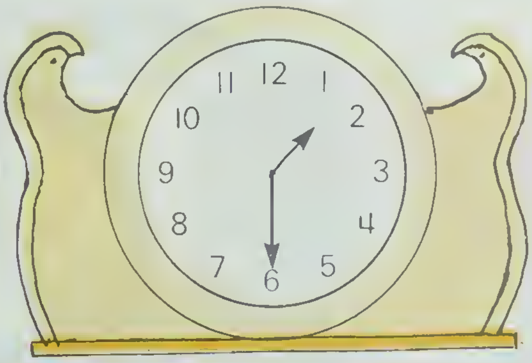


______

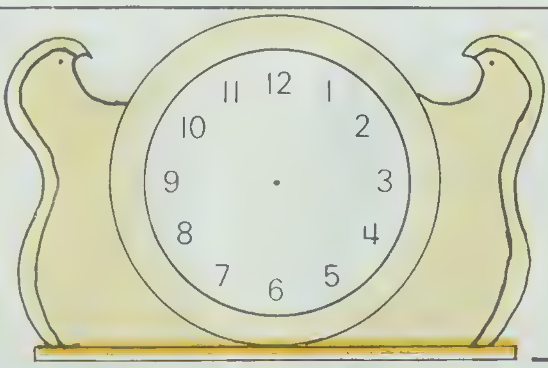


______

1 hour earlier

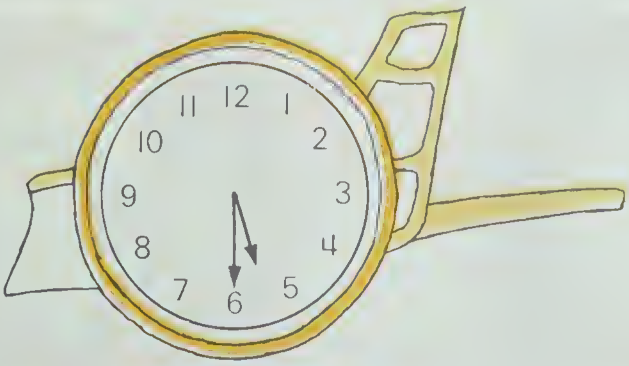


______

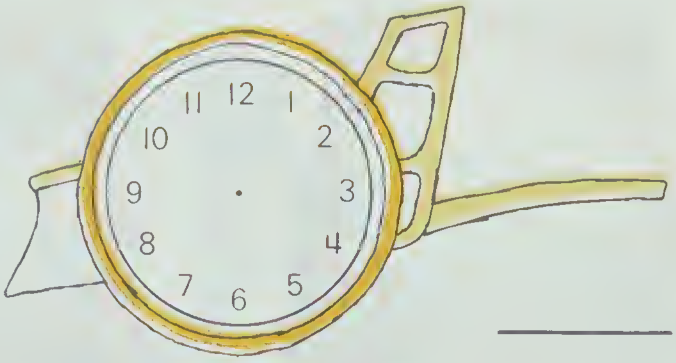


______

30 minutes earlier

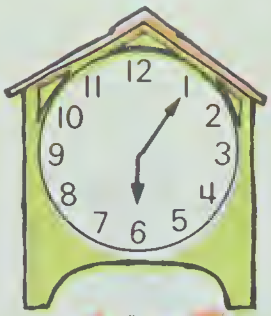


______

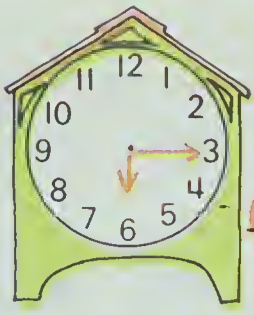


______

2 hours later

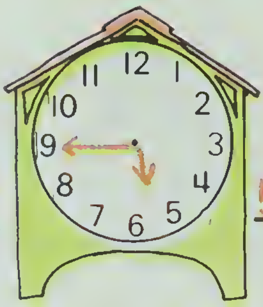


6:05



6:15

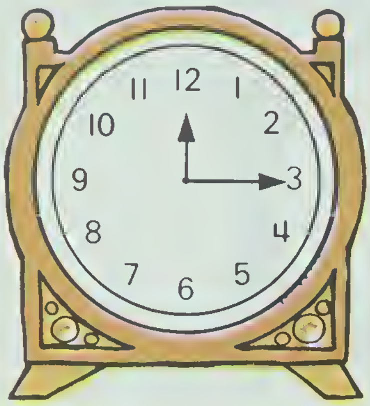
10 minutes later

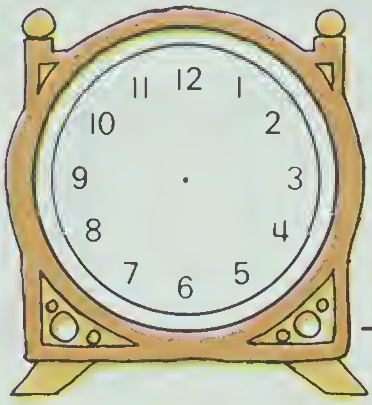


5:45

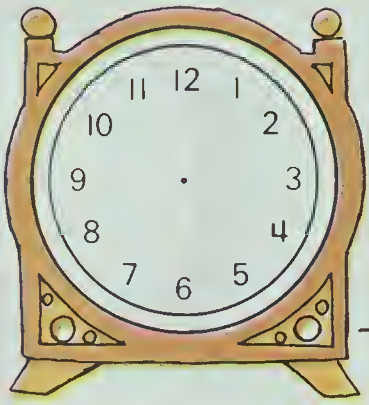
20 minutes earlier

What time is it? Show and print the new times.

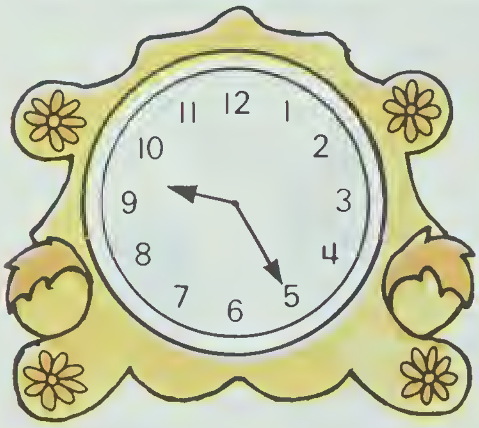


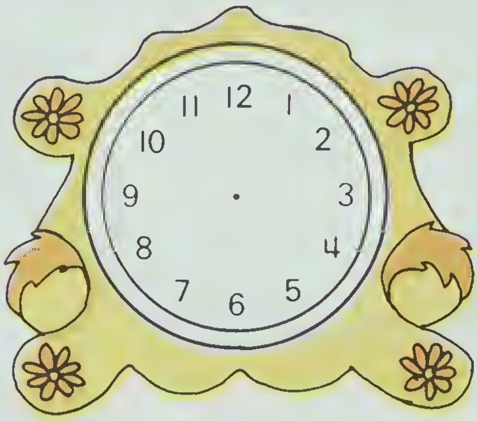


15 minutes earlier

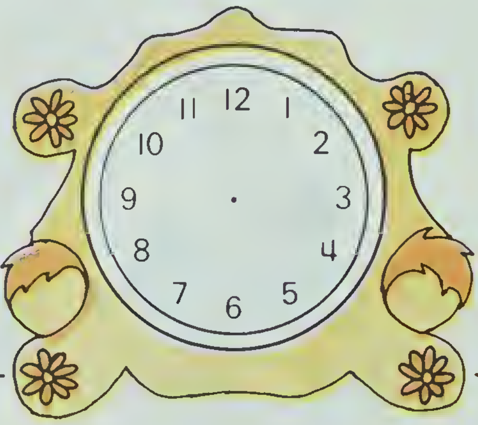


30 minutes later

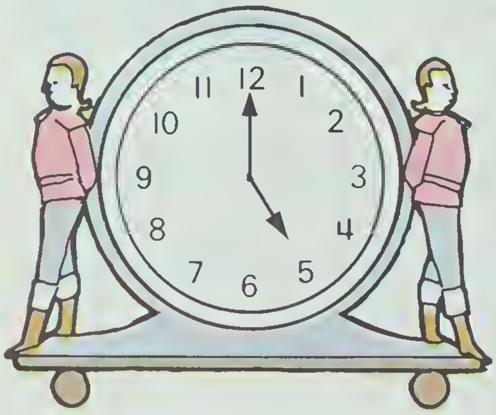


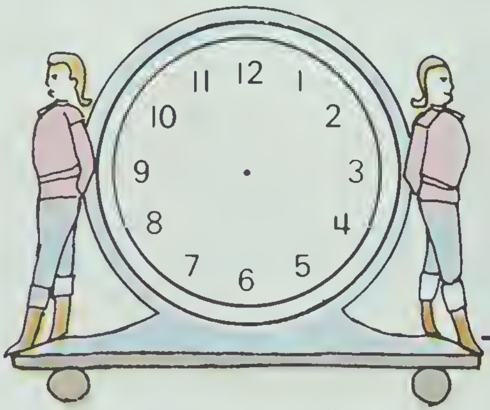


5 minutes later

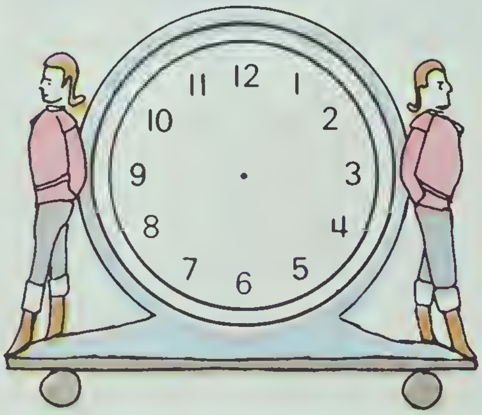


35 minutes earlier

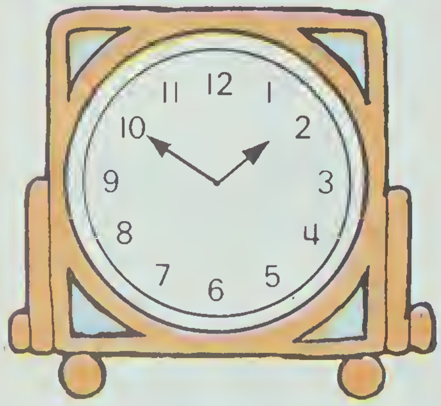


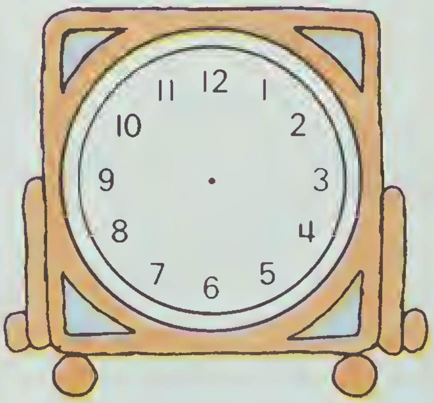


45 minutes later

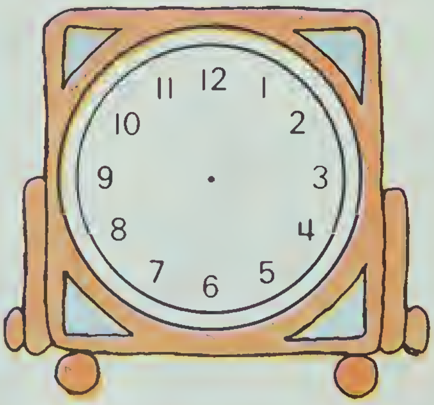


5 minutes earlier

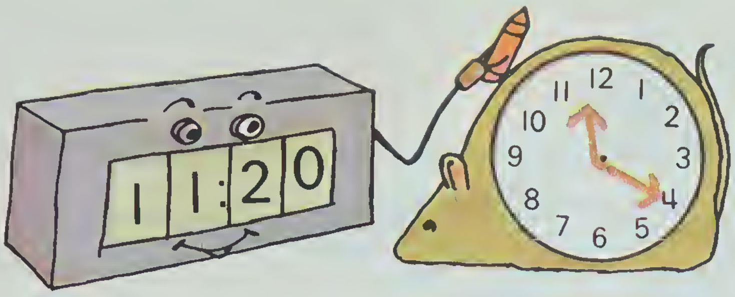


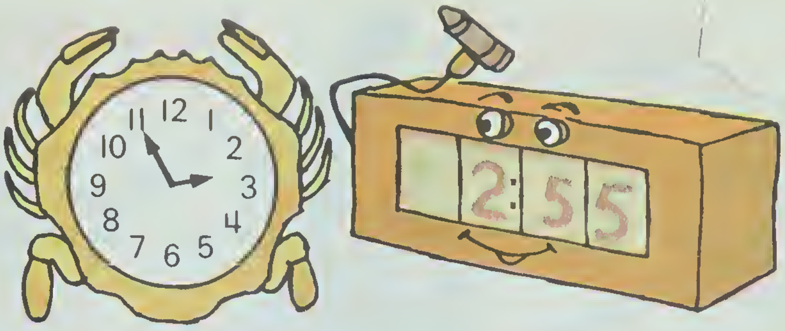


20 minutes earlier

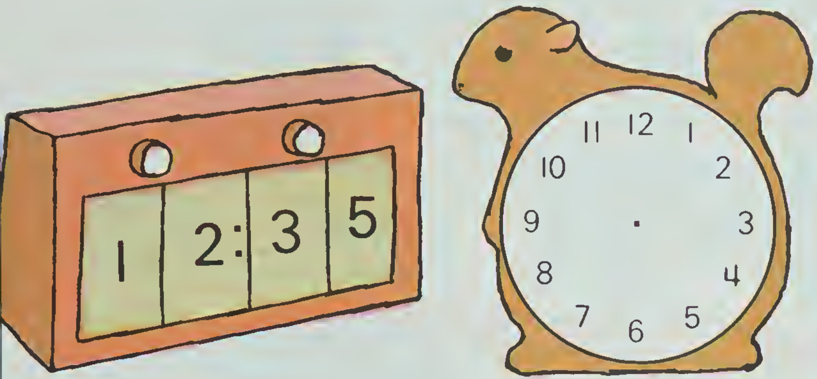


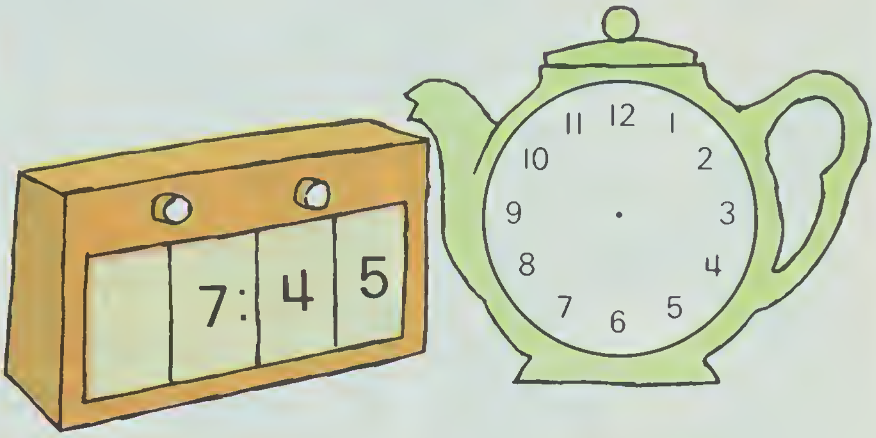
10 minutes later

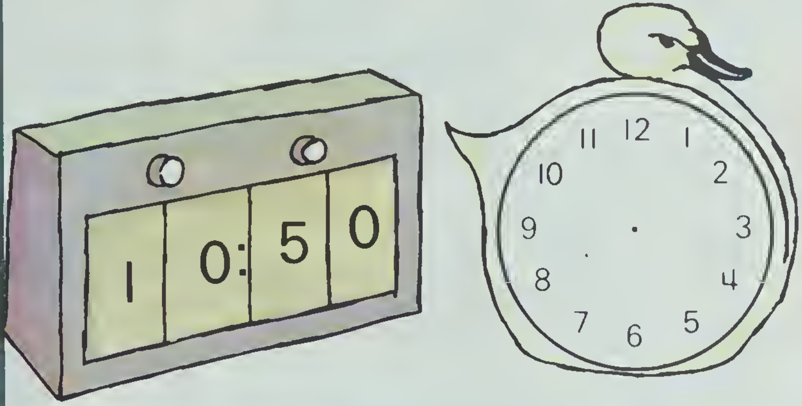


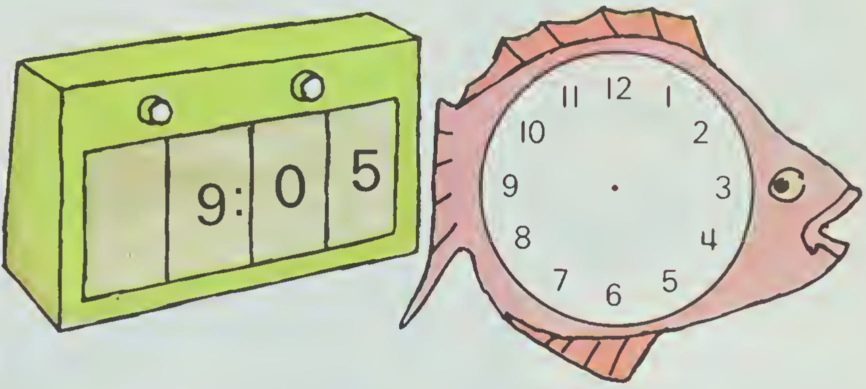


Show the time.

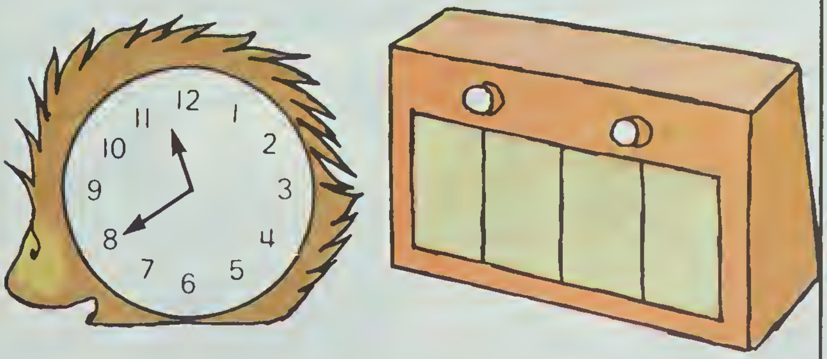


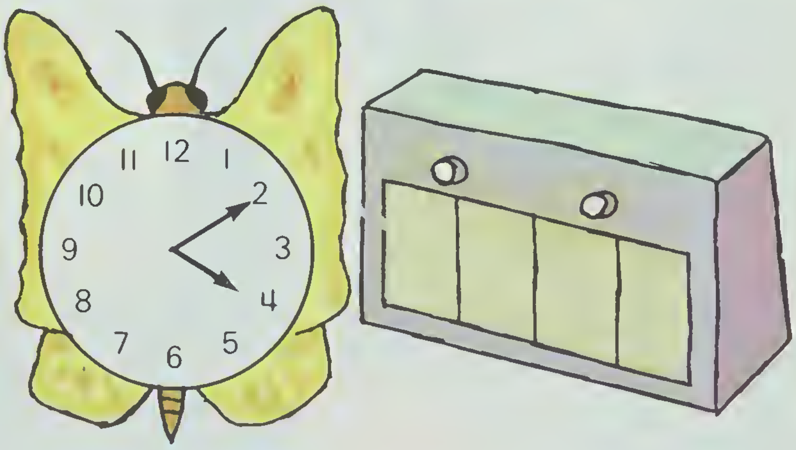


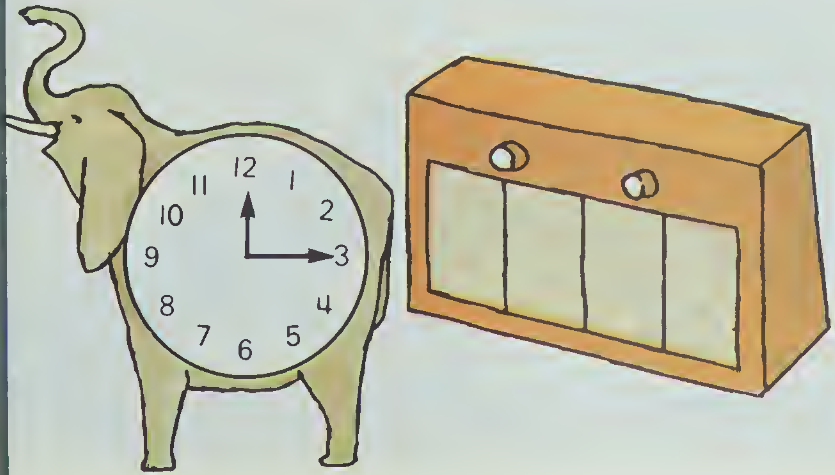


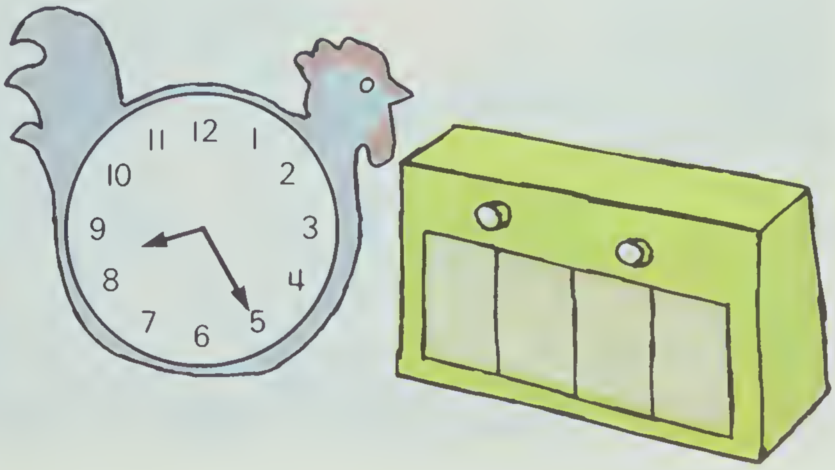


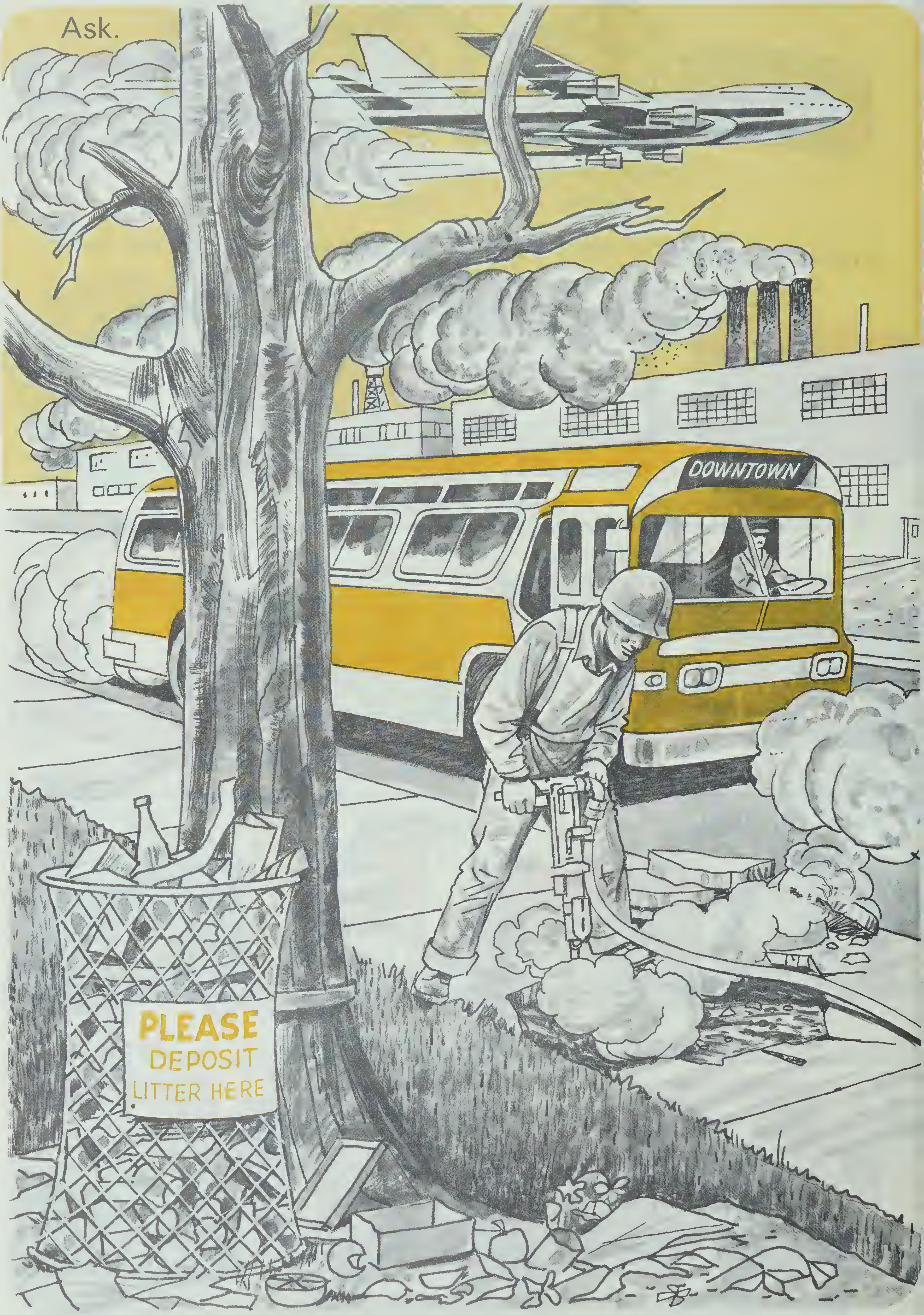
Print the time.











Ask.

DOWNTOWN
PLEASE DEPOSIT LITTER HERE

a = 17 − 5
a = 12

c = 11 + 5
c = 16

n = 13 − 2
n = 11

e = 8 + 7
e = 15

l = 6 + 8
l = 14

c	l	e	a	n
16	14	15	12	11

a	b	c						i									r						x	y	z
1	2	3						9									18						24	25	26

a	i	r
1	9	18

Find the message.

t = 13 − 5
t = ___

e = 1 + 10
e = ___

r = 16 − 7
r = ___

s = 4 + 9
s = ___

u = 3 + 13
u = ___

o = 2 + 15
o = ___

g = 17 − 7
g = ___

n = 8 + 12
n = ___

p = 1 + 13
p = ___

h = 11 − 4
h = ___

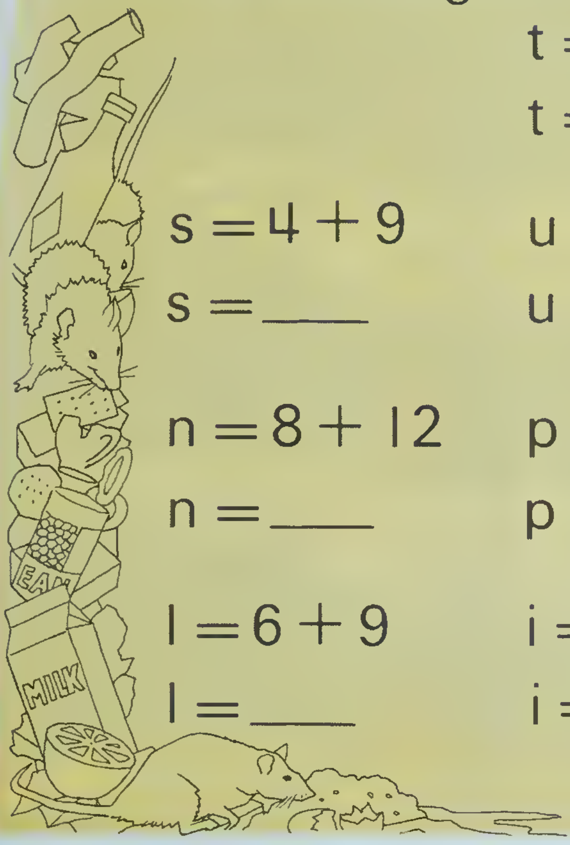
d = 19 − 7
d = ___

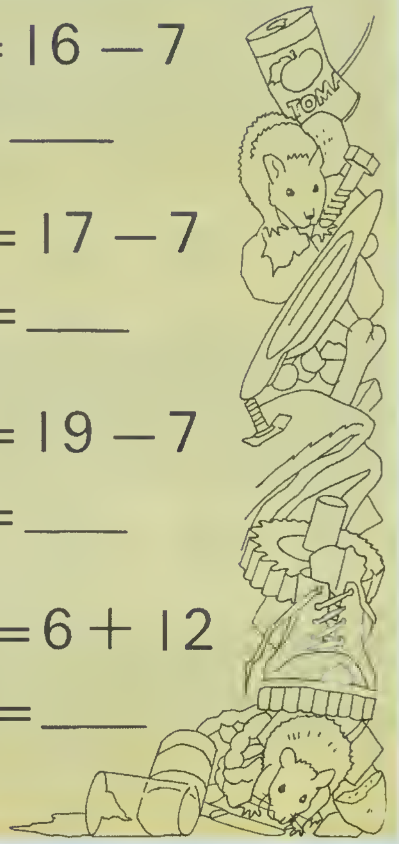
l = 6 + 9
l = ___

i = 8 + 11
i = ___

k = 18 − 12
k = ___

w = 6 + 12
w = ___





7 11 15 14   13 8 17 14   14 17 15 15 16 8 19 17 20.

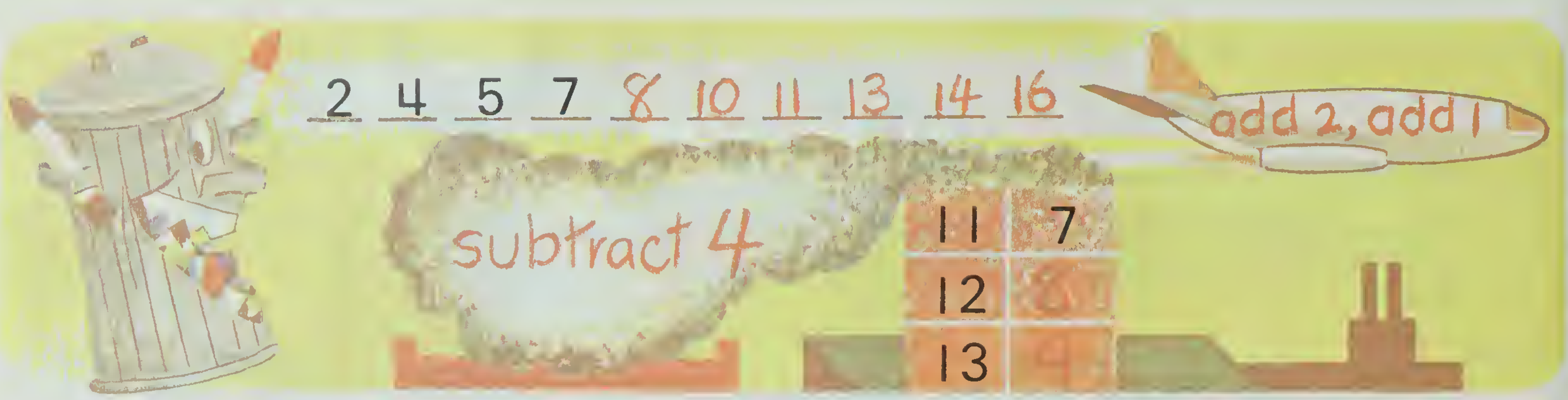
10 17 17 12   18 17 9 6!

Complete the code. What is the message?

a	b	c																					x	y	z
1	2	3																					24	25	26

19 5 20   1   7 15 15 4   5 24 1 13 16 12 5 —

16 18 5 22 5 14 20   16 15 12 12 21 20 9 15 14.

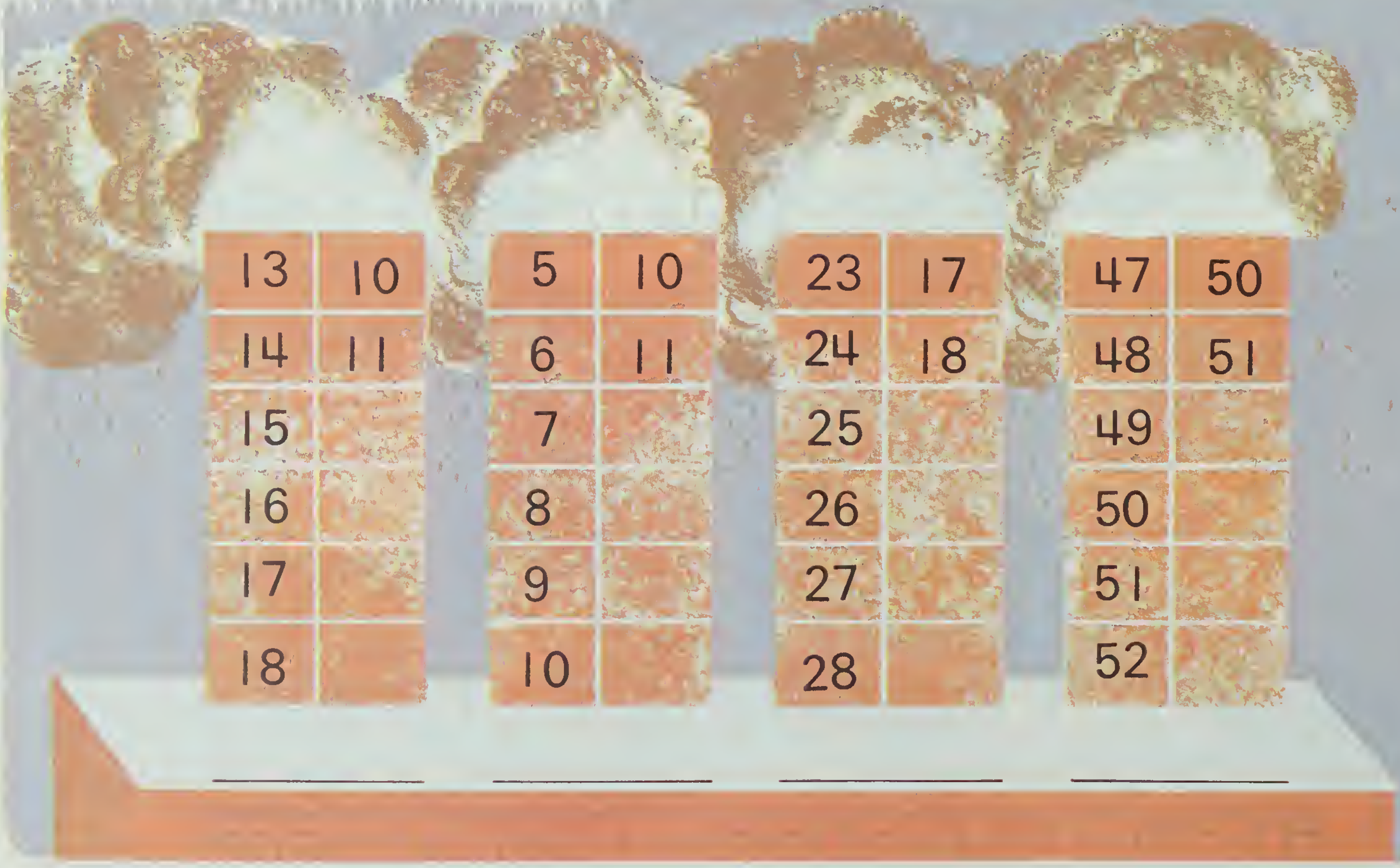

2 4 5 7 8 10 11 13 14 16
add 2, add 1
subtract 4
11 7
12 8
13 9

Continue the patterns. What are the rules?

19 20 22 23 ___ ___ ___ ___ ___ ___

73 76 77 80 ___ ___ ___ ___ ___ ___

89 87 86 84 ___ ___ ___ ___ ___ ___



13	10
14	11
15	
16	
17	
18	

____

5	10
6	11
7	
8	
9	
10	

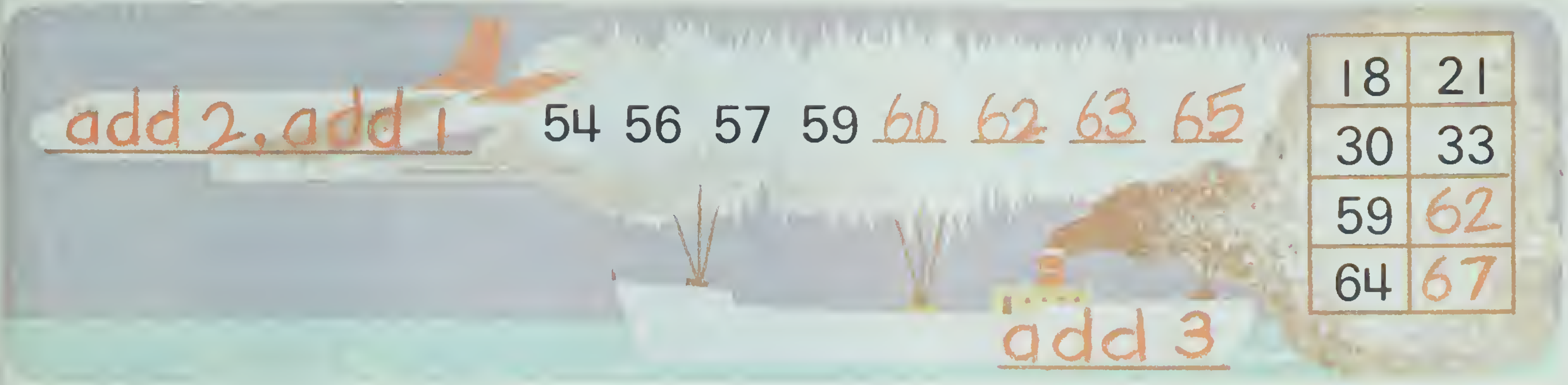
____

23	17
24	18
25	
26	
27	
28	

____

47	50
48	51
49	
50	
51	
52	

____



add 2, add 1 54 56 57 59 60 62 63 65

add 3

18	21
30	33
59	62
64	67

Complete the patterns.

subtract 5

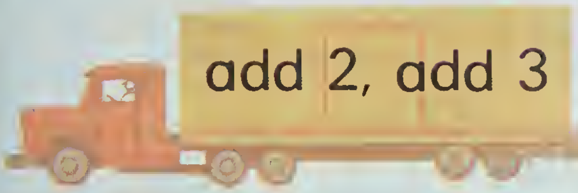
83	
97	
76	
50	
57	
69	

add 4

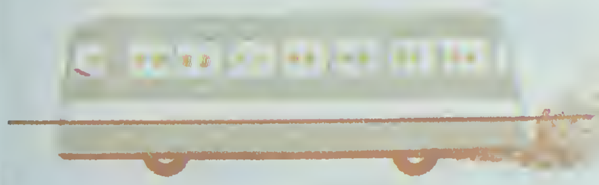
91	
64	
70	
83	
46	
55	

___

62	59
83	80
95	
56	
44	
74	



add 2, add 3 64 66 ___ ___ ___ ___ ___ ___ ___ ___



___ 102 99 95 92 ___ ___ ___ ___ ___ ___

4 5 6 7

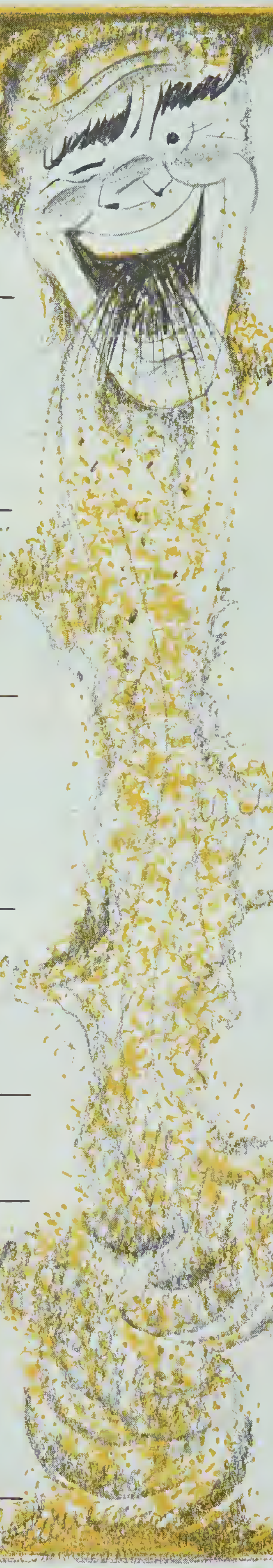
40 50 60 70

400 500 600 700

Number before		Number after
110	111	112

	Number between	
379	380	381

Complete.



1 2 ___ ___

10 ___ ___ 40

100 200 ___ ___

6 7 ___ ___

60 ___ ___ 90

600 ___ ___ ___

29 ___ ___ ___

___ 390 ___ ___

___ ___ ___ 87

570 ___ ___ ___

Number before		Number after
___	619	___
___	302	___

Number before		Number after
___	811	___
___	536	___

	Number between	
321	___	323
746	___	748

	Number between	
989	___	991
358	___	360

214 < 215___

329 > 328___

512 = 512___

778 ≠ 777___

144 _>_ 143

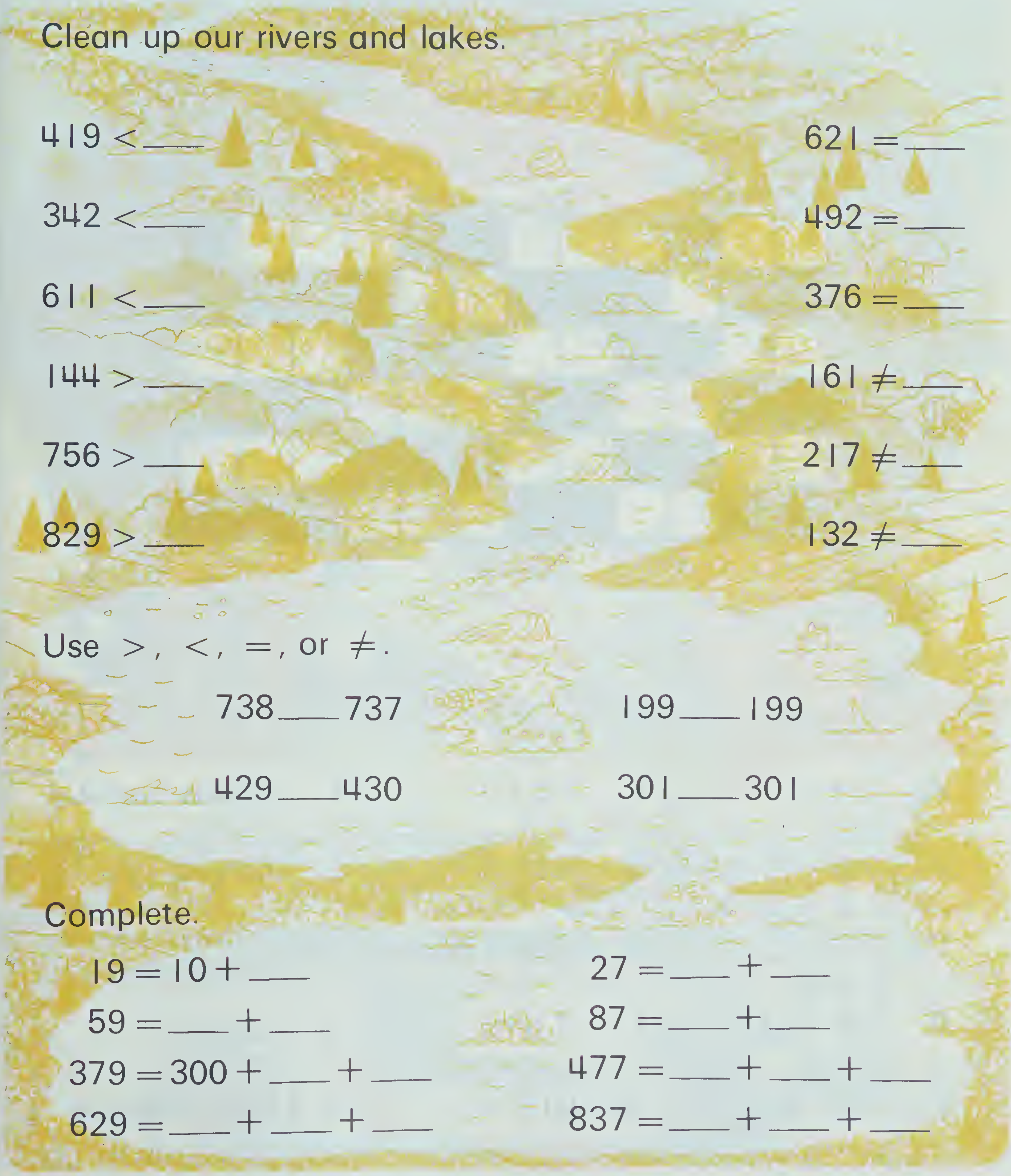
356 _<_ 357

422 _=_ 422

100 _≠_ 101

42 = 40___ + 2___

502 = 500___ + 0___ + 2___



Clean up our rivers and lakes.

419 < ___

342 < ___

611 < ___

144 > ___

756 > ___

829 > ___

621 = ___

492 = ___

376 = ___

161 ≠ ___

217 ≠ ___

132 ≠ ___

Use >, <, =, or ≠.

738 ___ 737

429 ___ 430

199 ___ 199

301 ___ 301

Complete.

19 = 10 + ___

59 = ___ + ___

379 = 300 + ___ + ___

629 = ___ + ___ + ___

27 = ___ + ___

87 = ___ + ___

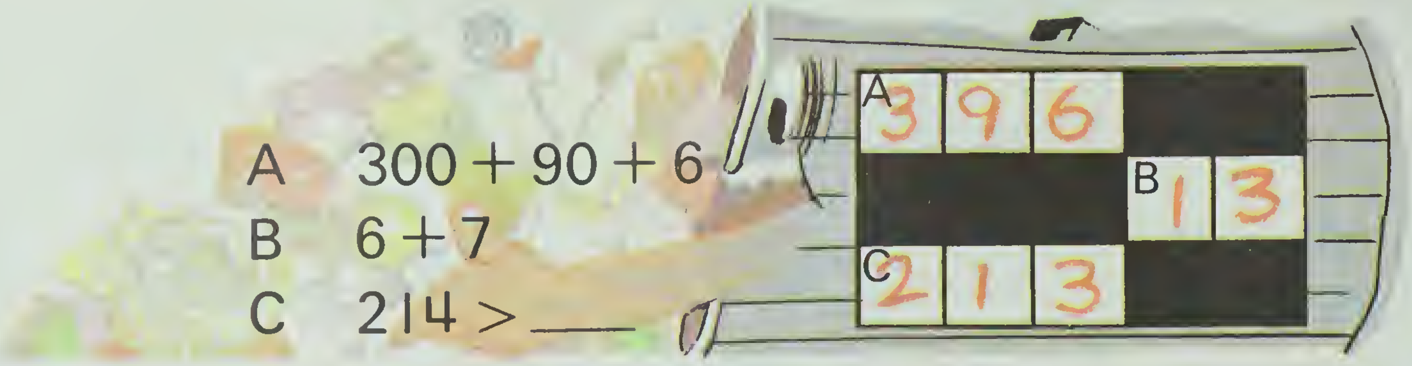
477 = ___ + ___ + ___

837 = ___ + ___ + ___

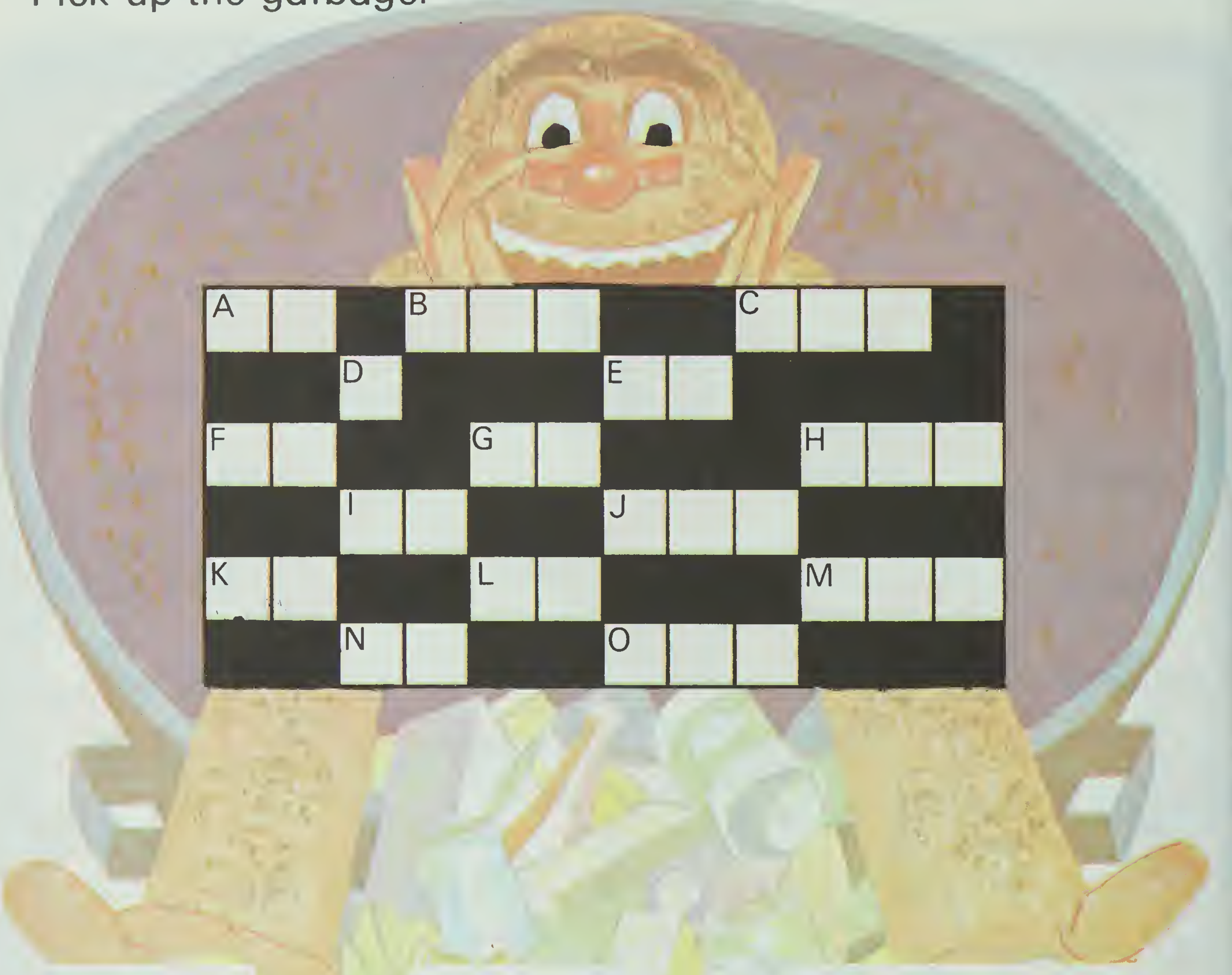
A $300 + 90 + 6$

B $6 + 7$

C $214 >$ ____


A 3 9 6
B 1 3
C 2 1 3

Pick up the garbage.


A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

A $9 + 7$

B $700 + 0 + 4$

C $312 >$ ____

D $20 - 13$

E $30 + 6$

F $12 + 7$

G $40 + 6$

H $200 + 60 + 0$

I 7 tens

J $416 <$ ____

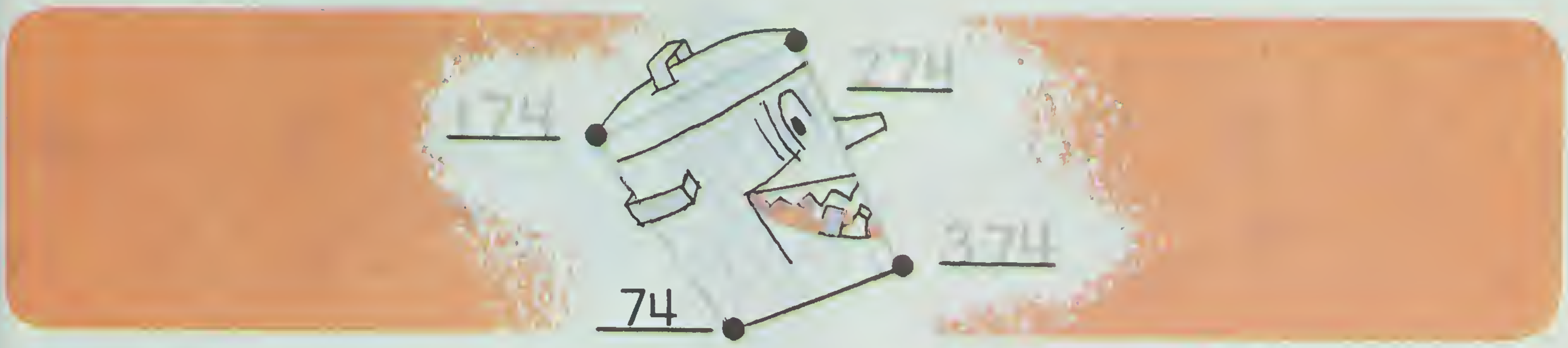
K 8 tens and 2

L $60 + 0$

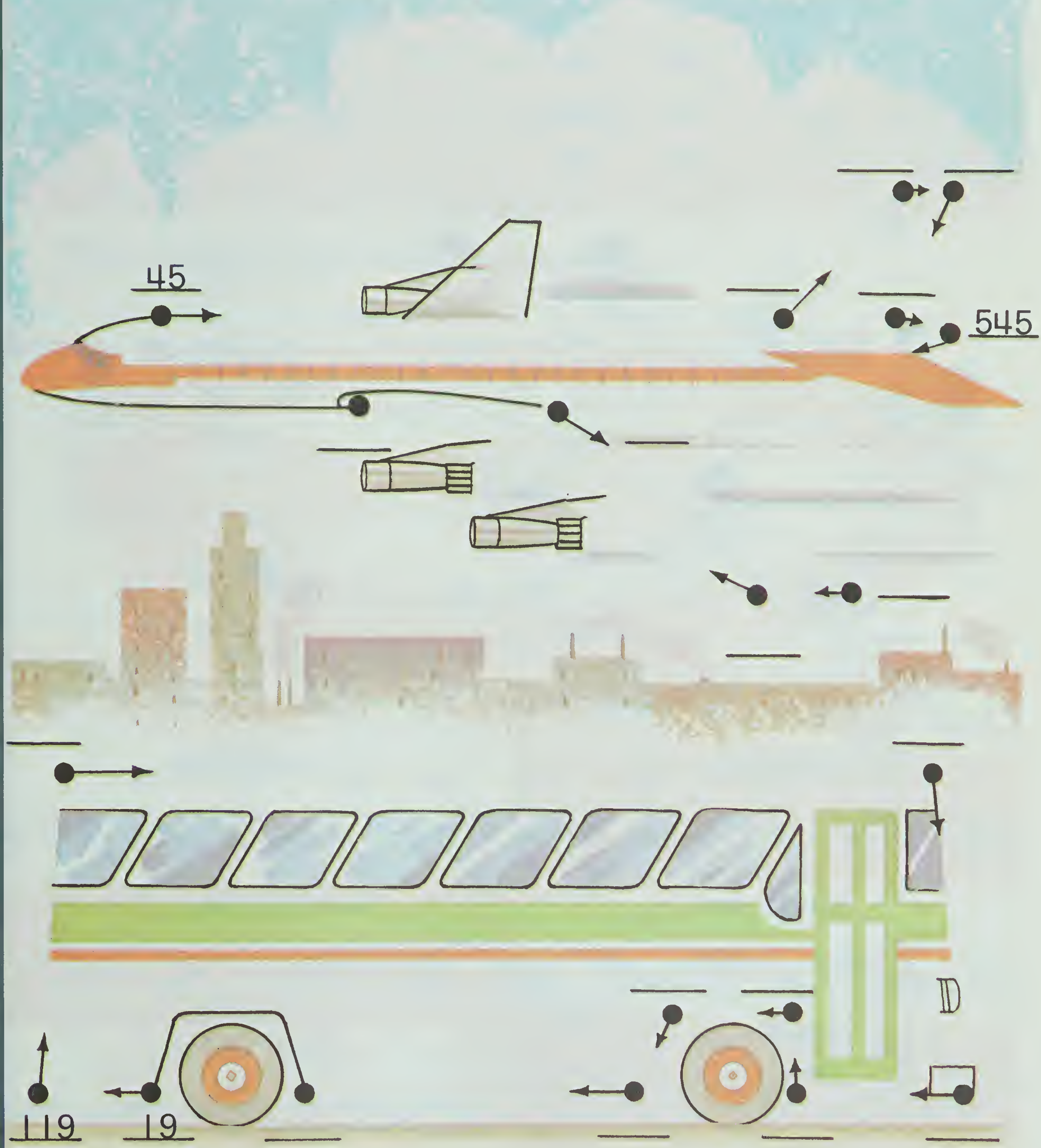
M 6 hundreds, 3 tens and 1

N $35 + 5$

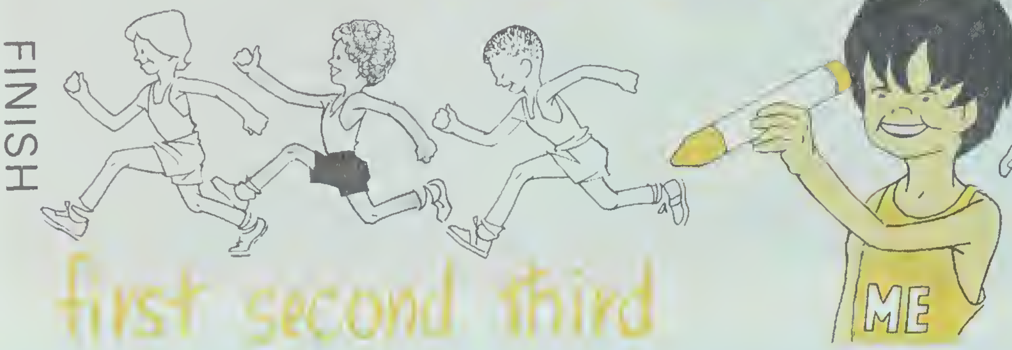
O $900 + 90 + 9$


174
274
374
74

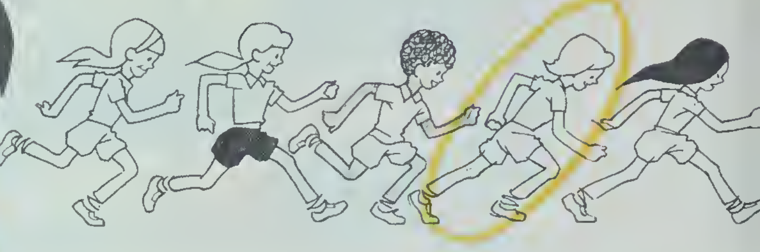
Count by hundreds. Join the dots.


45
545
119
19

4 7 5 6 4 5 6 7


FINISH
first second third
ME

second child

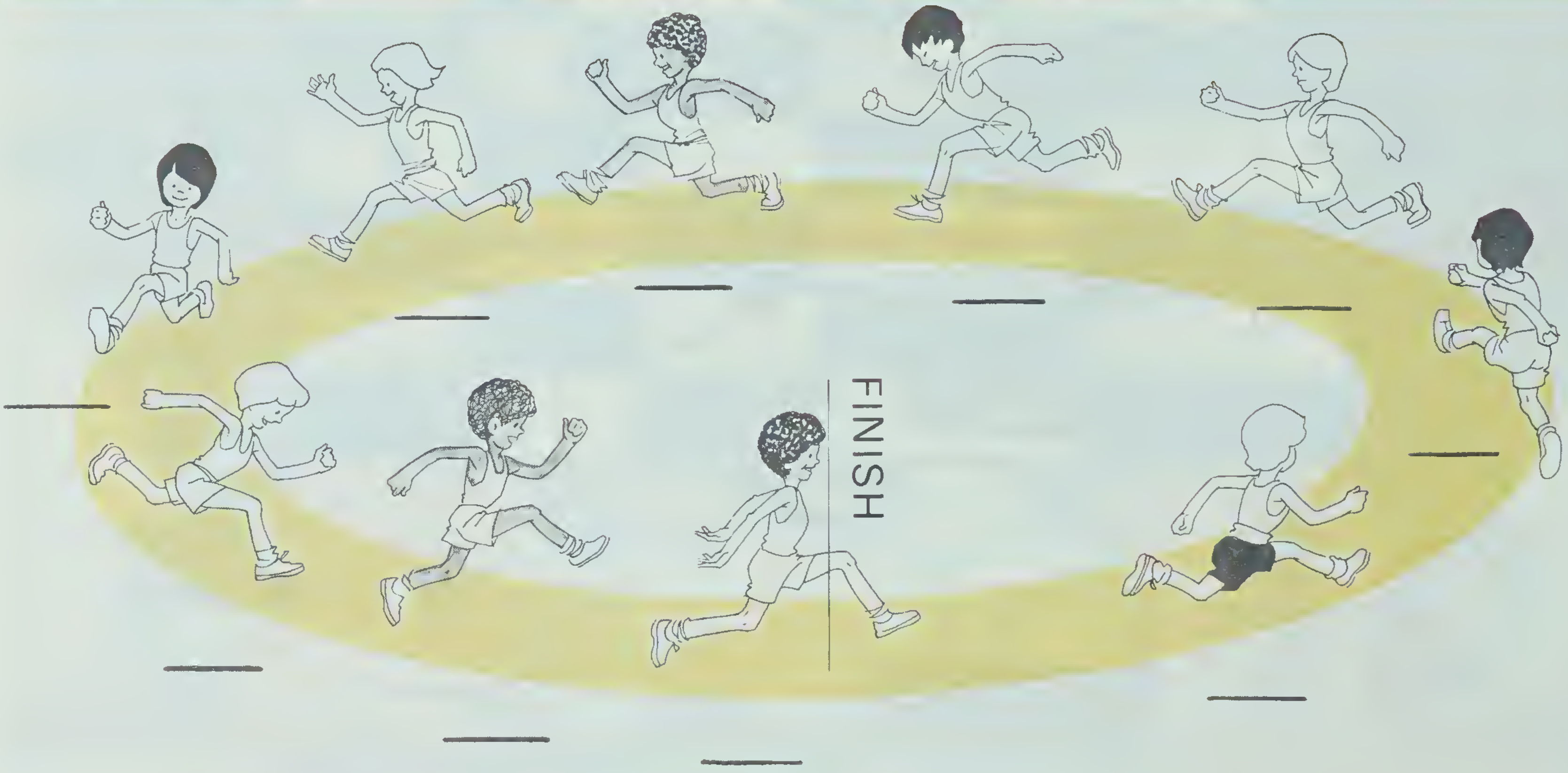


Order the numerals.

17 19 16 18 ____ ____ ____ ____

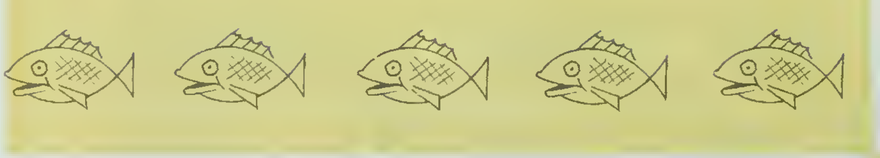
second fourth first third ____ ____ ____ ____

39 41 42 40 ____ ____ ____ ____

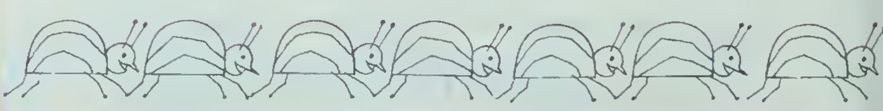


Circle.

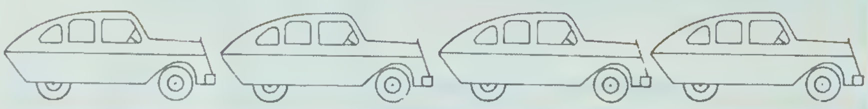
fifth fish



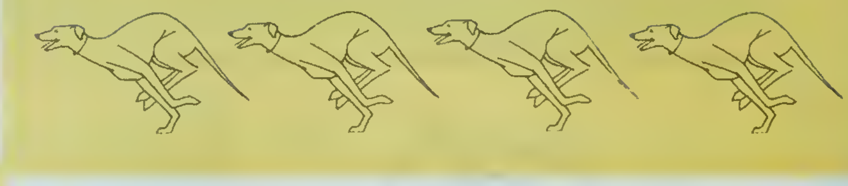
sixth bug



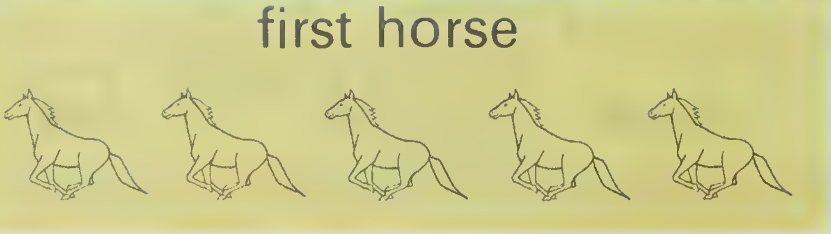
fourth car



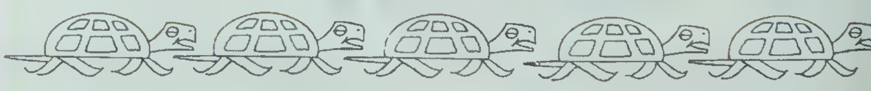
second dog



first horse

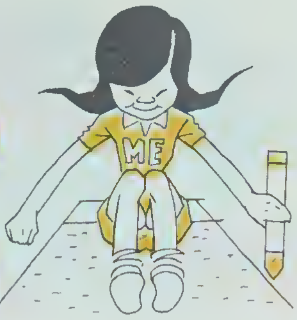


third turtle



22 24 _26_ _28_ _30_

21 23 _25_ _27_ _29_



0 1 2 3 4 5 6

even: 0 4 6 2

odd: 1 3 5

Even or odd?

0 2 4 ___ ___ ___ ___ ___ ___ ___ ___

These numbers are ________ numbers.

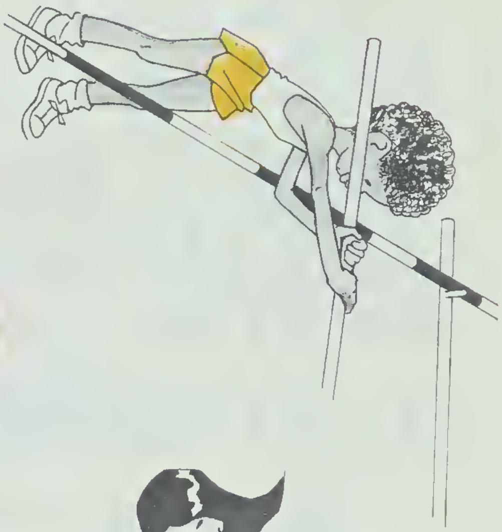
1 3 5 ___ ___ ___ ___ ___ ___ ___

These numbers are ________ numbers.

Sort the numbers.

7 14 18 11 13 4 1 10

even odd



32 29 40 37 46 20 17 41

even odd

101 169 138 142 173 104

even odd

0 18 19 38 69 209 378 489

even odd

1 + 1 = 2

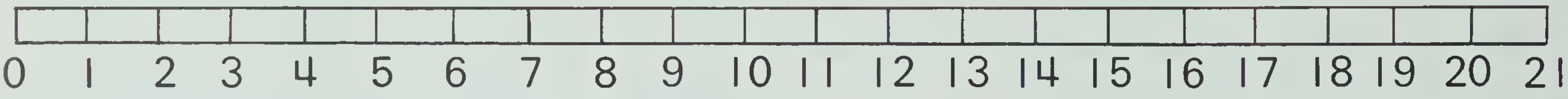
The answer is an even number.

2 + 2 + 5 = 9

The answer is an odd number.

1 3 4 6 7 9 10

Even or odd?


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

3 + 3 = ___ 7 + 7 = ___	The answers are ________ numbers.
4 + 4 = ___ 6 + 6 = ___	The answers are ________ numbers.
1 + 1 + 1 = ___ 3 + 3 + 3 = ___	The answers are ________ numbers.
2 + 2 + 2 = ___ 4 + 4 + 4 = ___	The answers are ________ numbers.
1 + 2 = ___ 3 + 2 = ___	The answers are ________ numbers.
2 + 2 + 3 = ___ 3 + 4 + 4 = ___	The answers are ________ numbers.
3 + 3 + 6 = ___ 5 + 5 + 8 = ___	The answers are ________ numbers.

Continue the patterns.

1 3 5 7 ___ ___ ___ ___ ___ ___ ___

2 4 7 9 ___ ___ ___ ___

1 4 5 8 ___ ___ ___ ___ ___ ___ ___

Add.

11 🟩

12 🟧

(7,4)	(6,6)	(6,5)
(9,3)	(10,2)	(10,1)

Complete the pattern. Colour the squares that show

even numbers 🟨

odd numbers ⬜

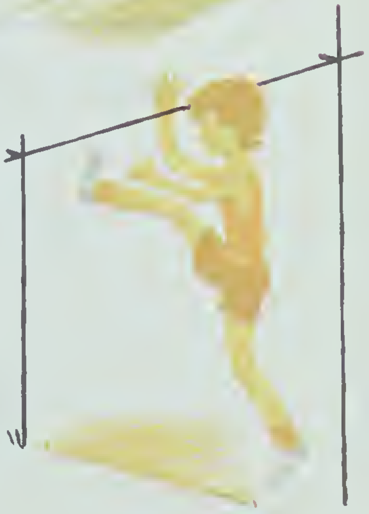
1	7		2		95		68		43
3	9	56		39		4		77	

Add. Colour the squares.

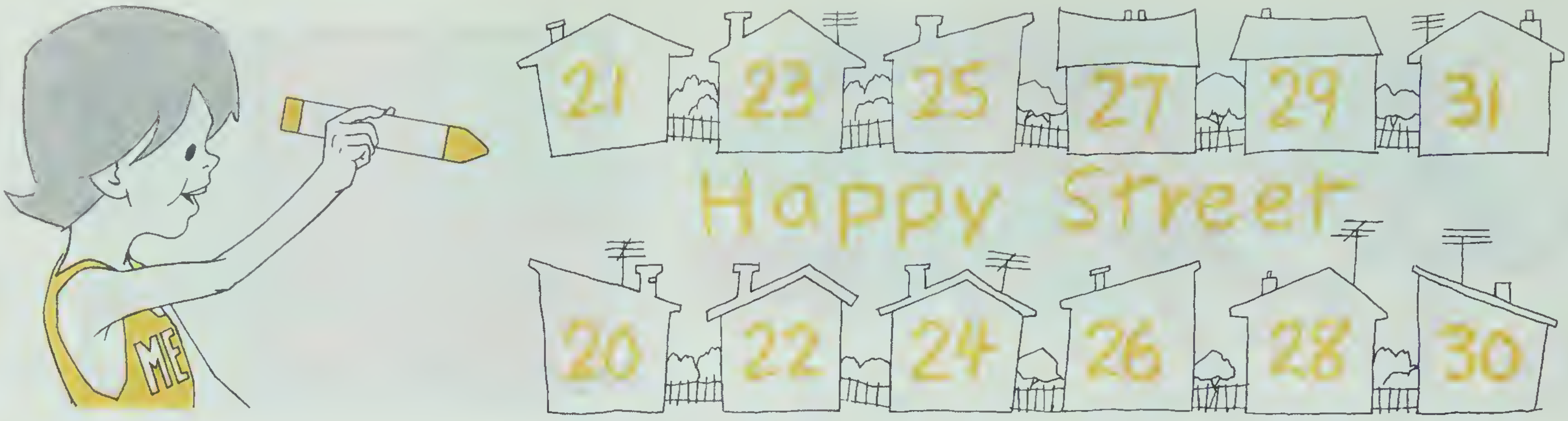
17 🟩　18 🟧　14 🟪

15 ⬜　13 🟨　19 🟧

16 🟫

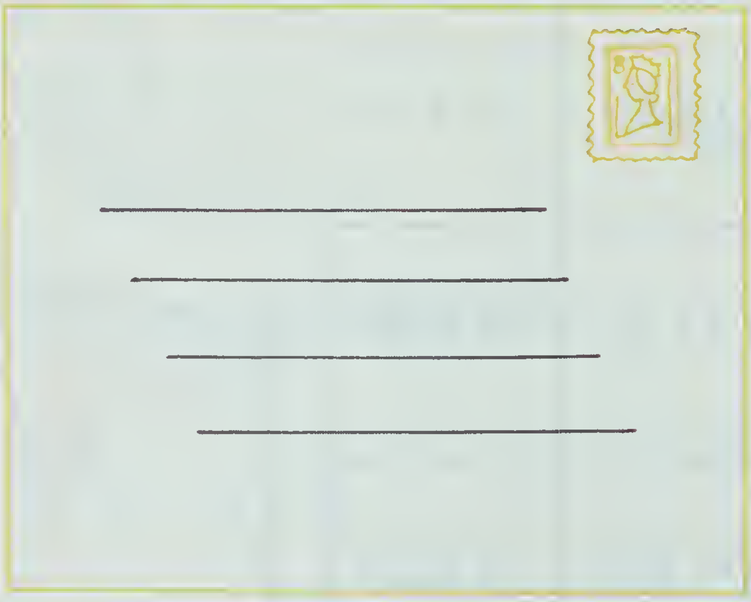


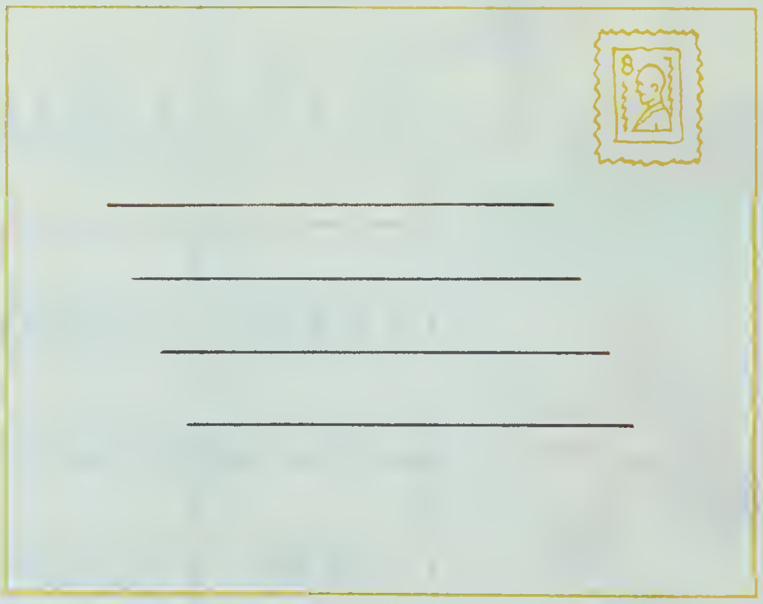
(12,1)	(5,13)	(12,3)	(11,6)
(6,13)	(13,1)	(12,6)	(4,12)
(13,3)	(13,6)	(11,2)	(11,8)
(9,8)	(2,13)	(4,14)	(12,2)


21
23
25
27
29
31
Happy Street
20
22
24
26
28
30
ME

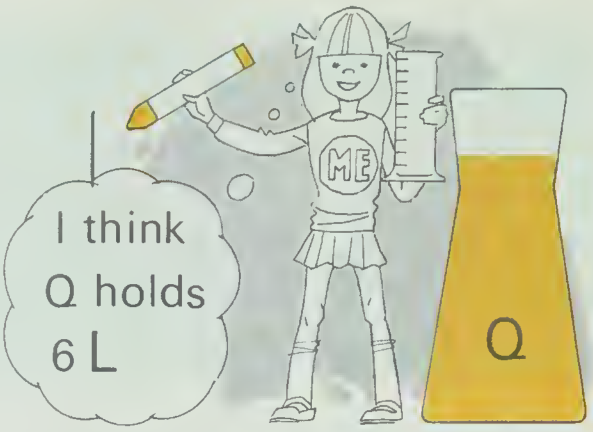
Draw a map of your street and name it.
Number each house.

Address the letters to friends on your street.



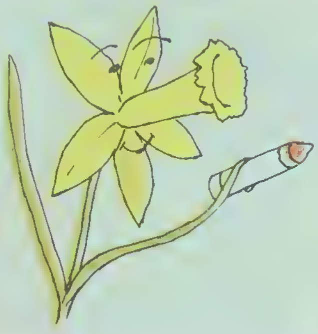


Container	I think it holds	I discovered it holds
Q	6 L	7 L

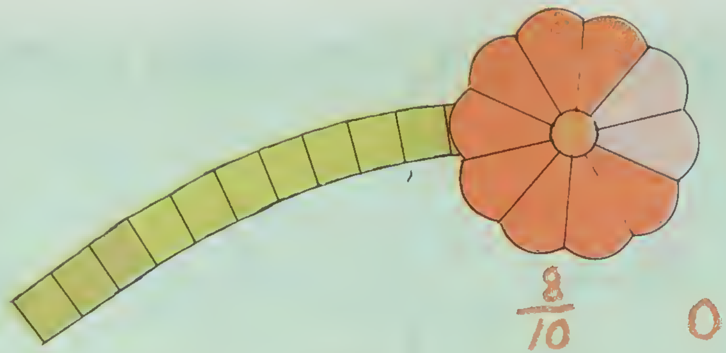

I think Q holds 6 L
ME
Q

How many L ?

Container	I think it holds	I discovered it holds
A	___ L	___ L
B	___ L	___ L
C	___ L	___ L
D	___ L	___ L
E	___ L	___ L
F	___ L	___ L

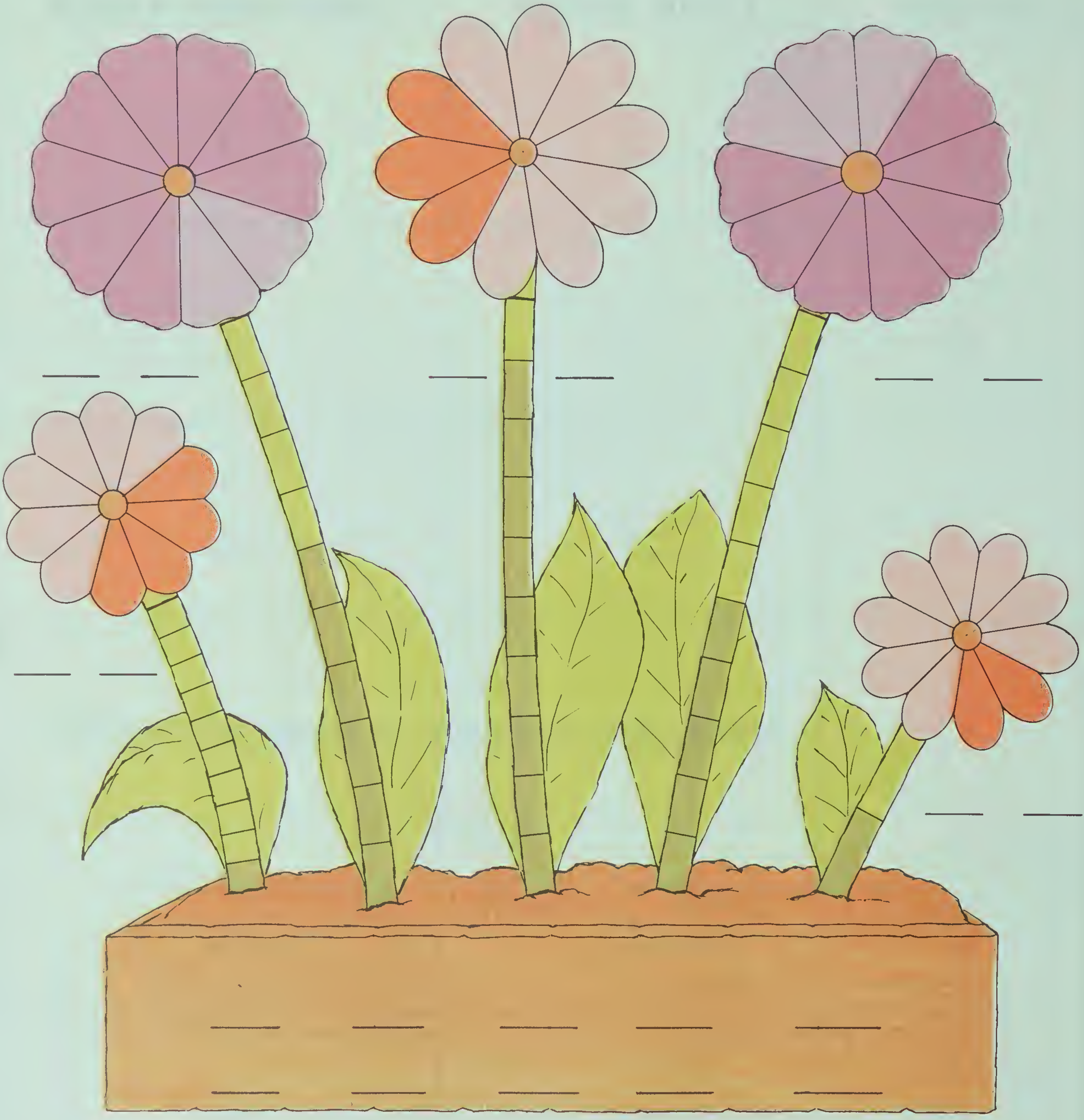


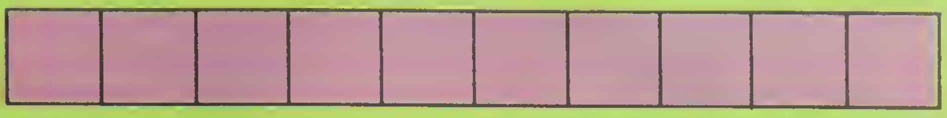
$\frac{3}{10}$ 0.3



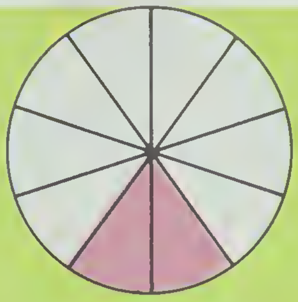
$\frac{8}{10}$ 0.8

Print the fractions and decimals.



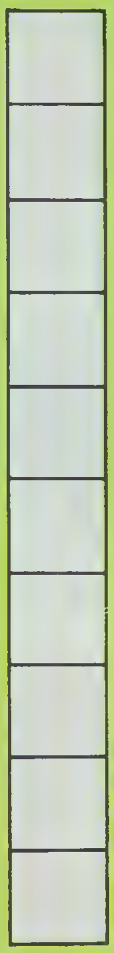


1

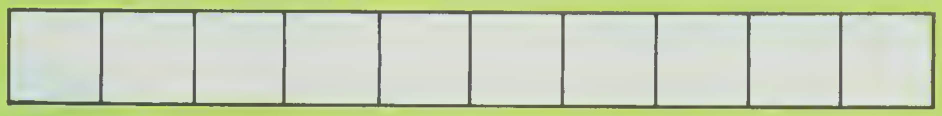


0.2

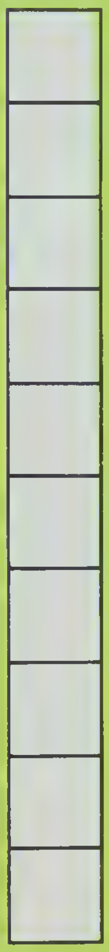
Colour to show the decimals.



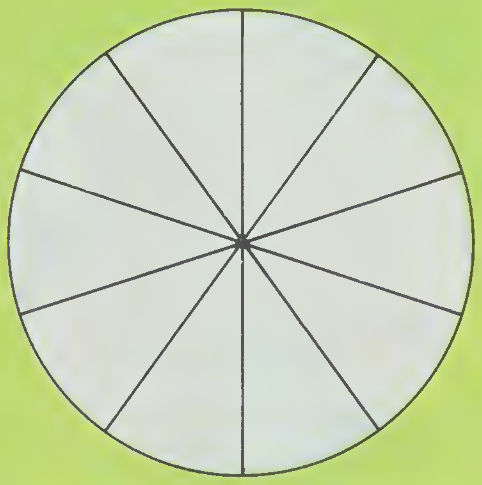
0.8



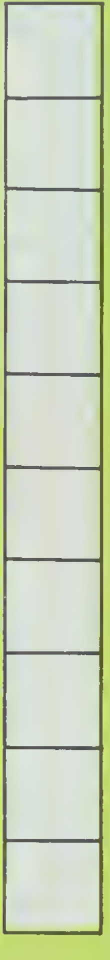
0.7



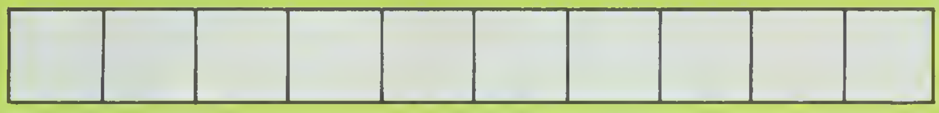
0.5



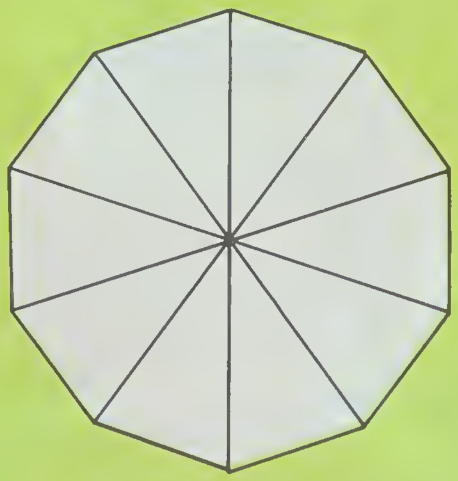
0.2



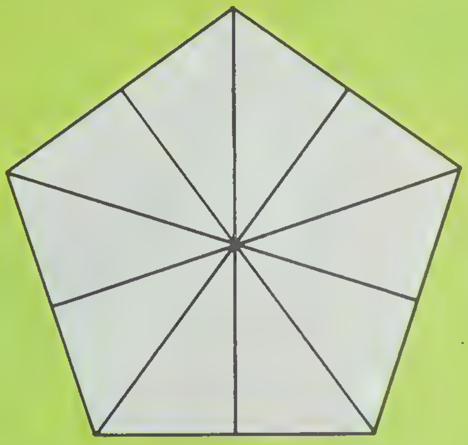
0.4



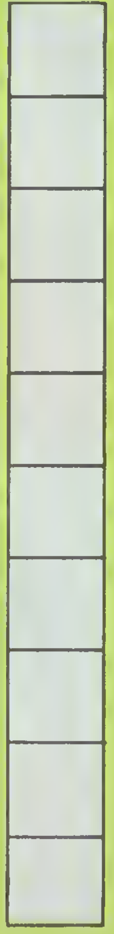
0.3



0.9

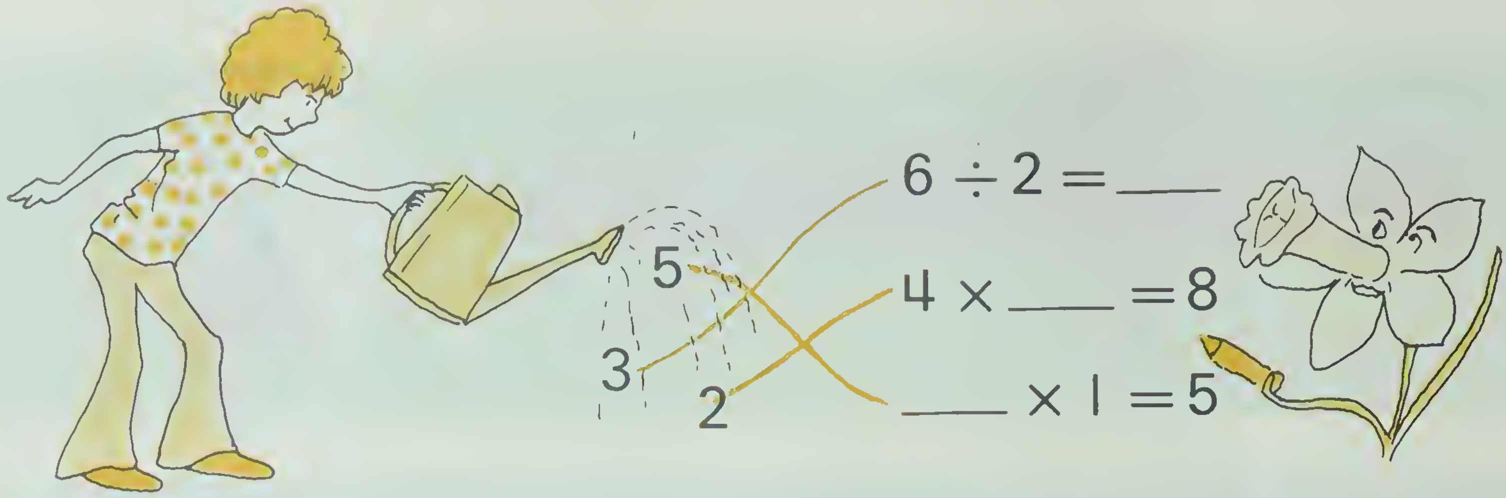


0.1



1

0.6

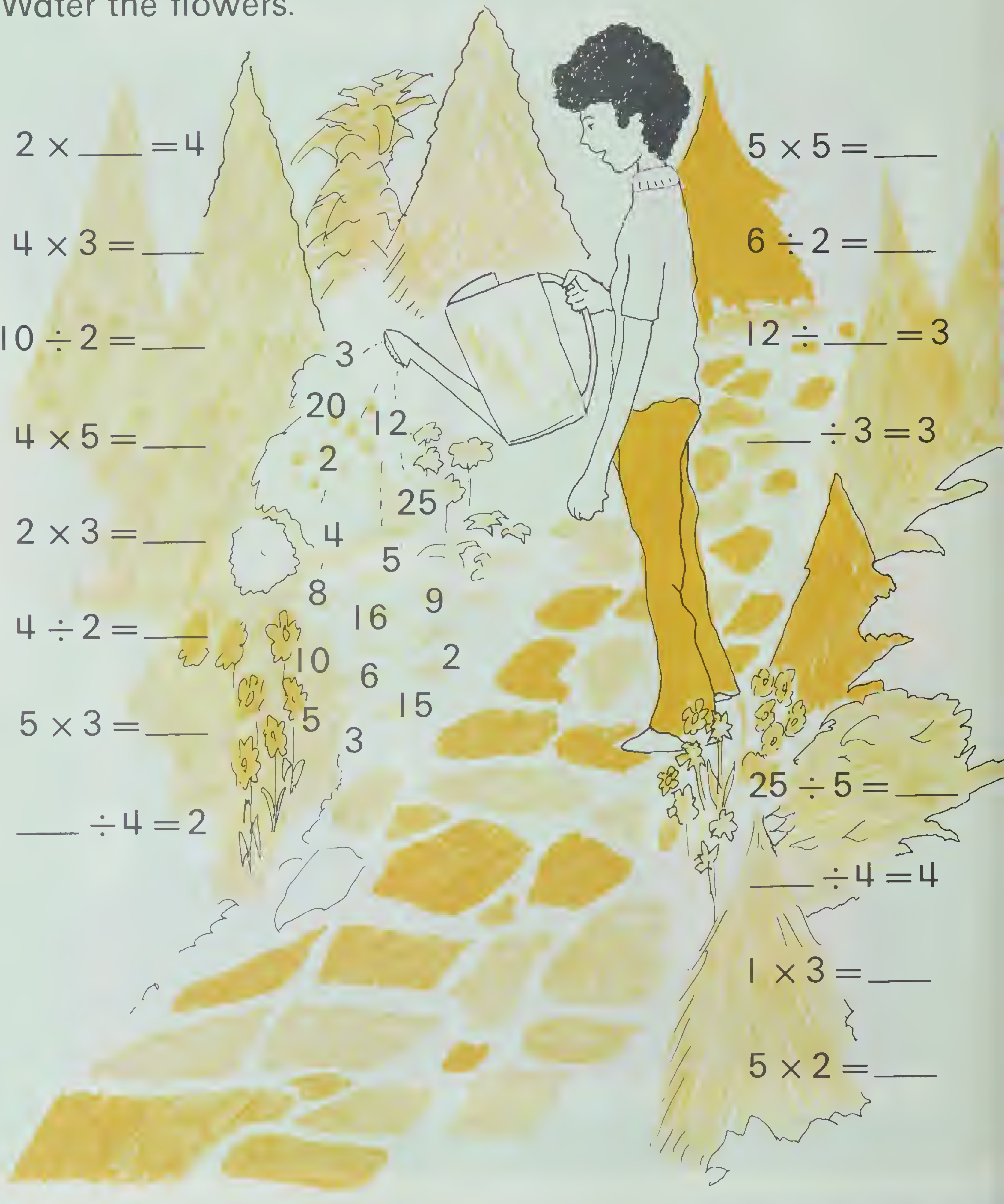


6 ÷ 2 = ___

4 × ___ = 8

___ × 1 = 5

Water the flowers.


3
20
12
2
25
4
5
8
16
9
10
6
2
5
15
3

2 × ___ = 4

4 × 3 = ___

10 ÷ 2 = ___

4 × 5 = ___

2 × 3 = ___

4 ÷ 2 = ___

5 × 3 = ___

___ ÷ 4 = 2

5 × 5 = ___

6 ÷ 2 = ___

12 ÷ ___ = 3

___ ÷ 3 = 3

25 ÷ 5 = ___

___ ÷ 4 = 4

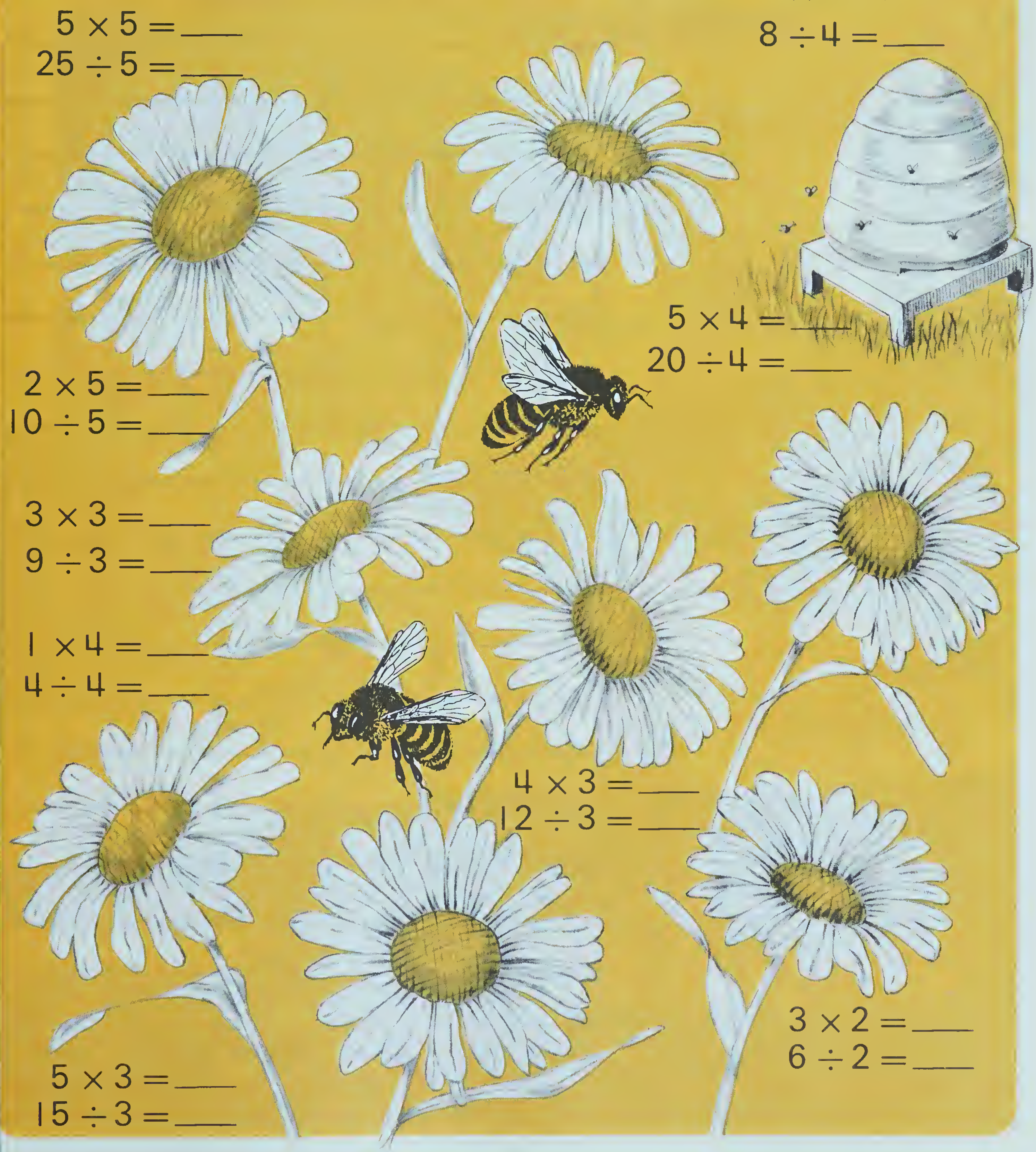
1 × 3 = ___

5 × 2 = ___

4 × 4 = 16

16 ÷ 4 = 4

Help the bees gather the nectar.



5 × 5 = ___
25 ÷ 5 = ___

2 × 4 = ___
8 ÷ 4 = ___

5 × 4 = ___
20 ÷ 4 = ___

2 × 5 = ___
10 ÷ 5 = ___

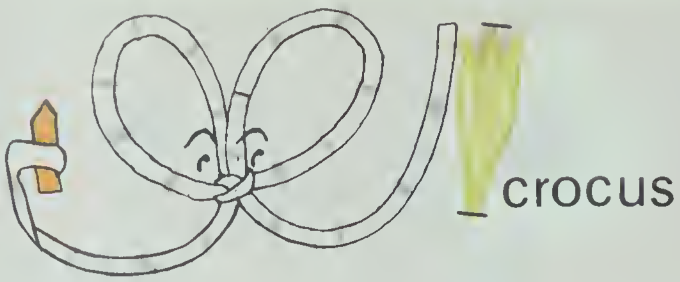
3 × 3 = ___
9 ÷ 3 = ___

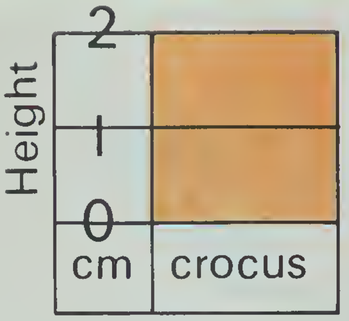
1 × 4 = ___
4 ÷ 4 = ___

4 × 3 = ___
12 ÷ 3 = ___

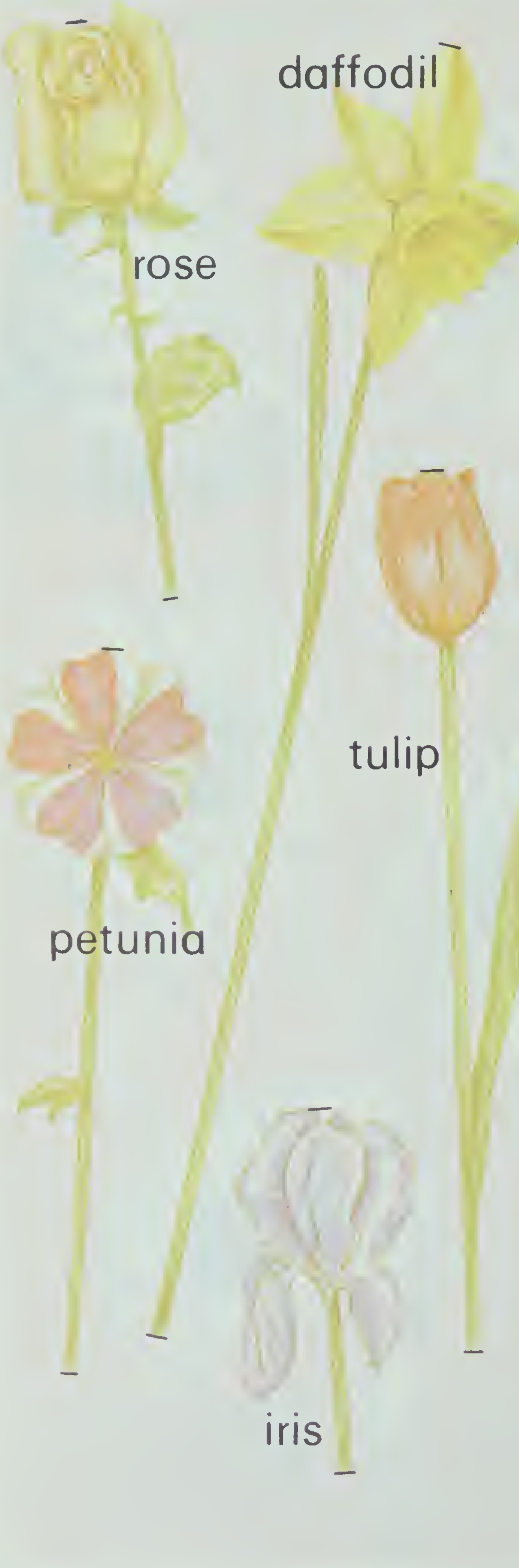
5 × 3 = ___
15 ÷ 3 = ___

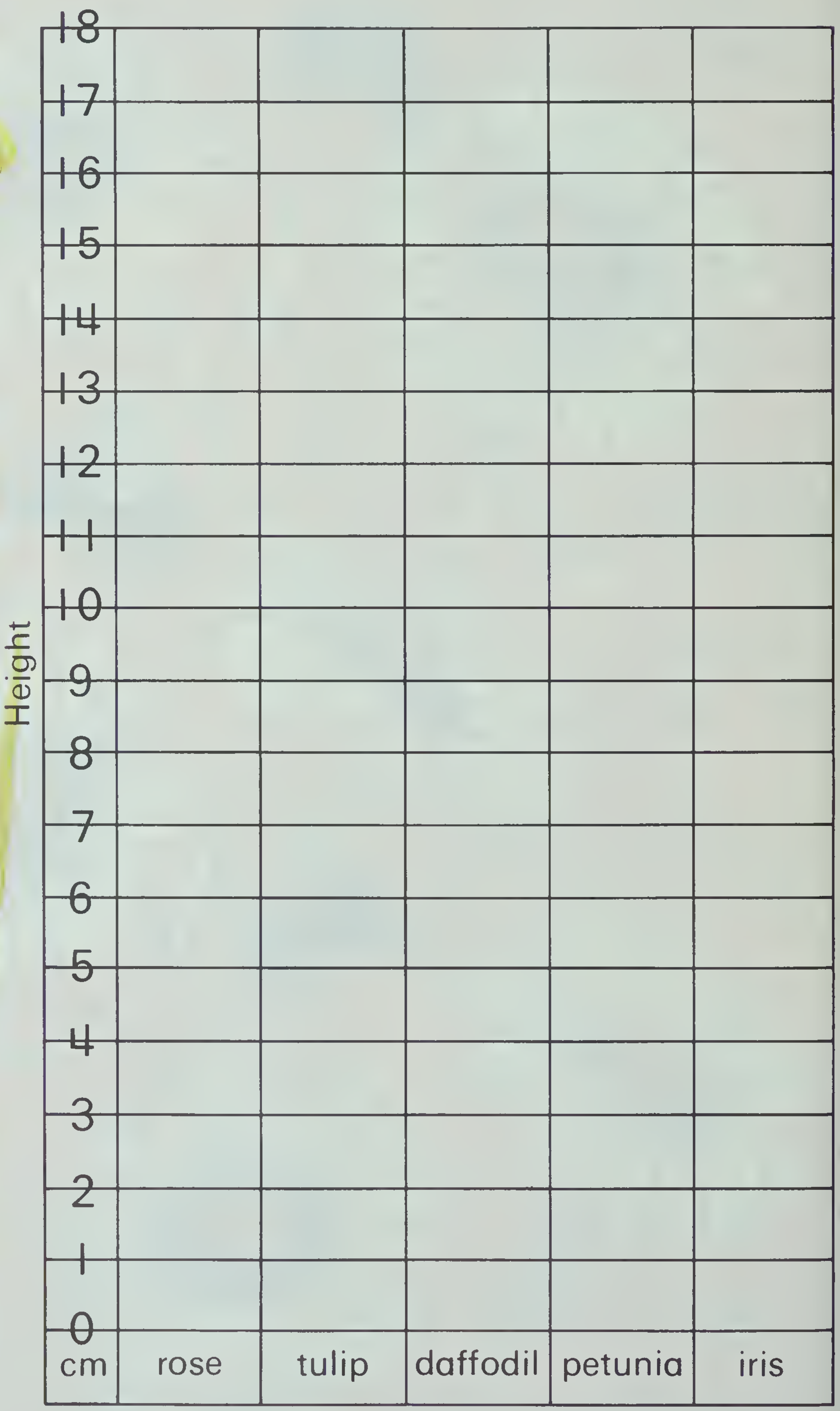
3 × 2 = ___
6 ÷ 2 = ___



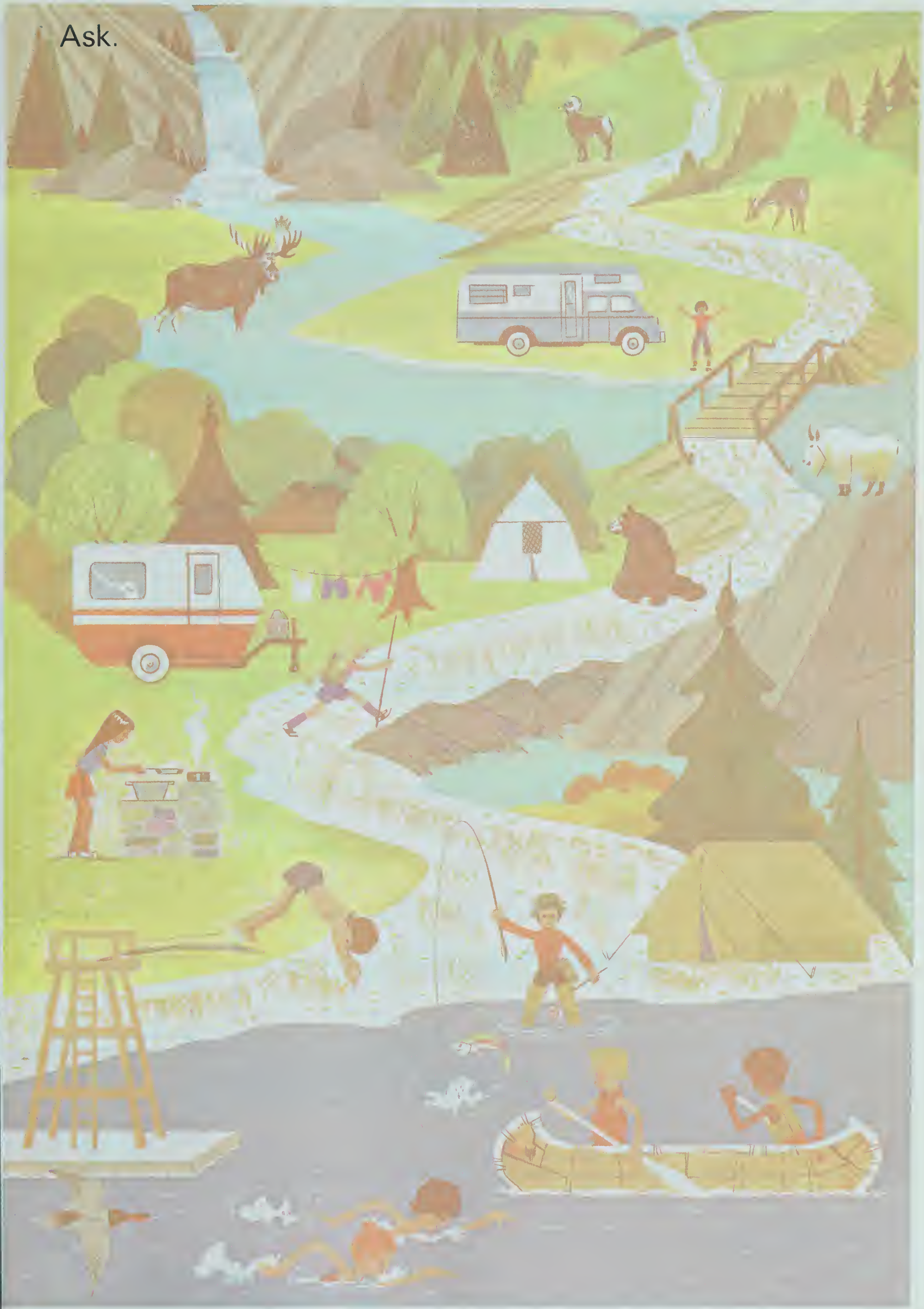


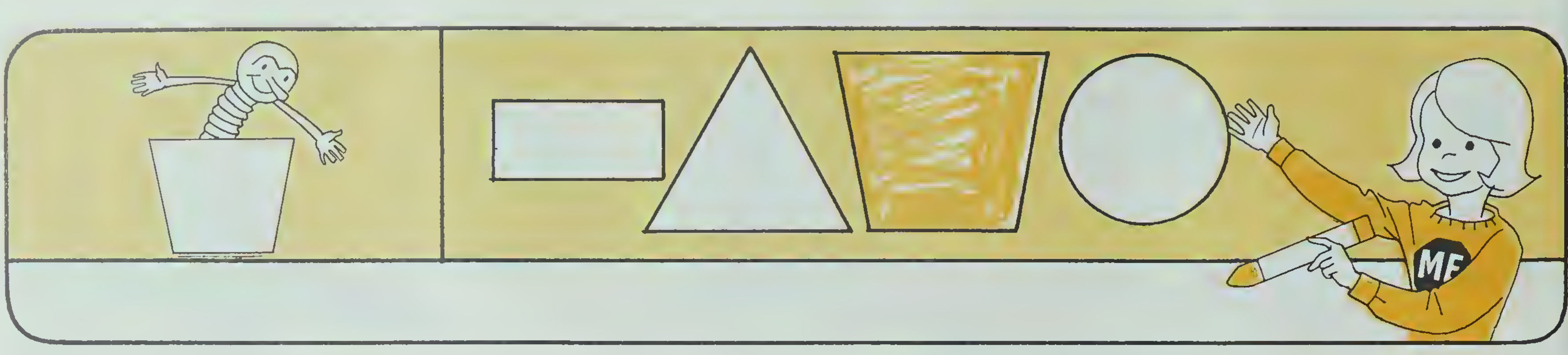
Measure and record on the graph.


rose
daffodil
tulip
petunia
iris

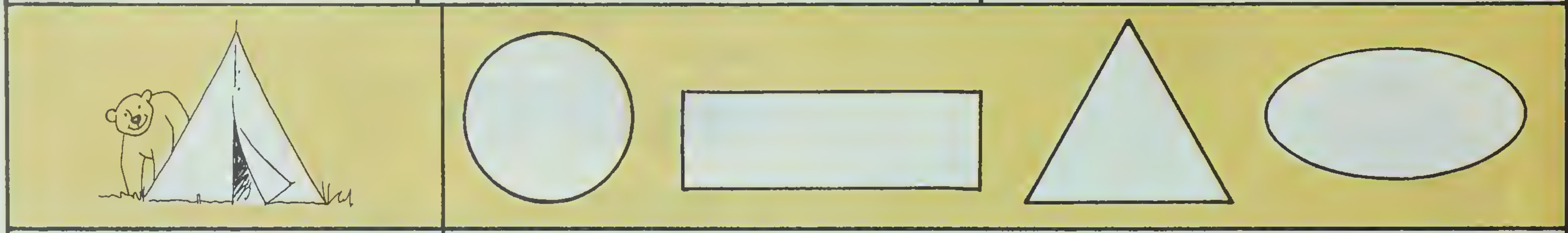


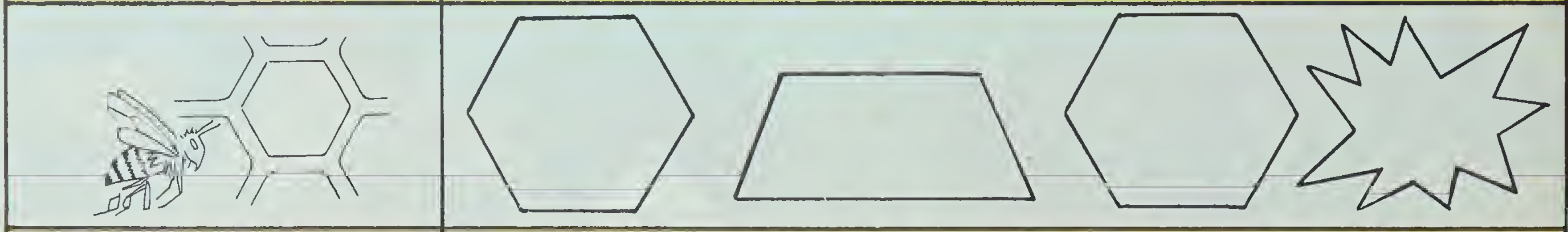
Ask.

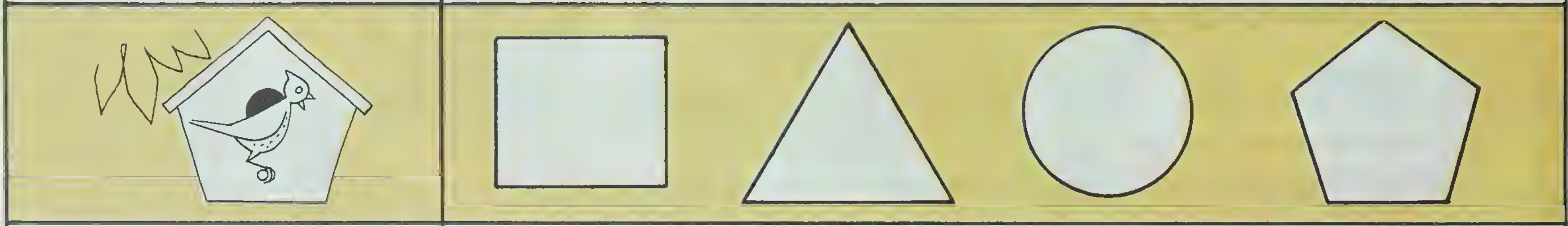


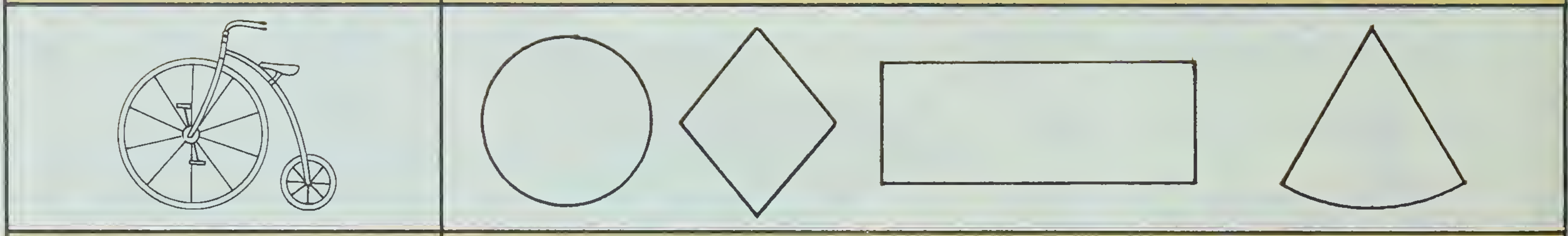


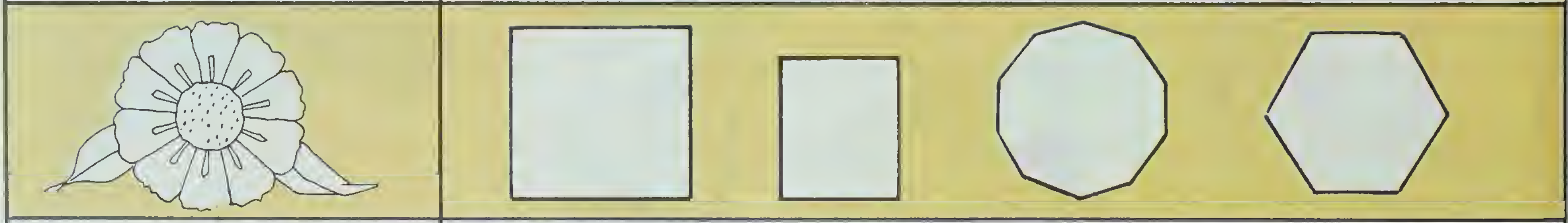
Colour the shape that is most like the picture.

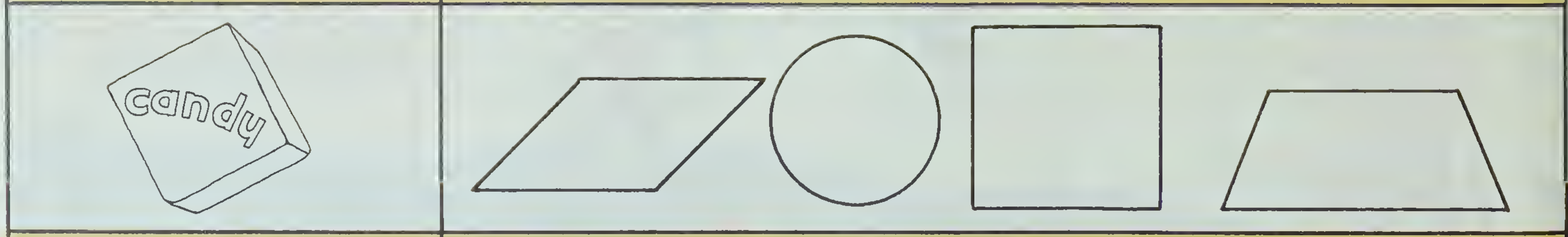


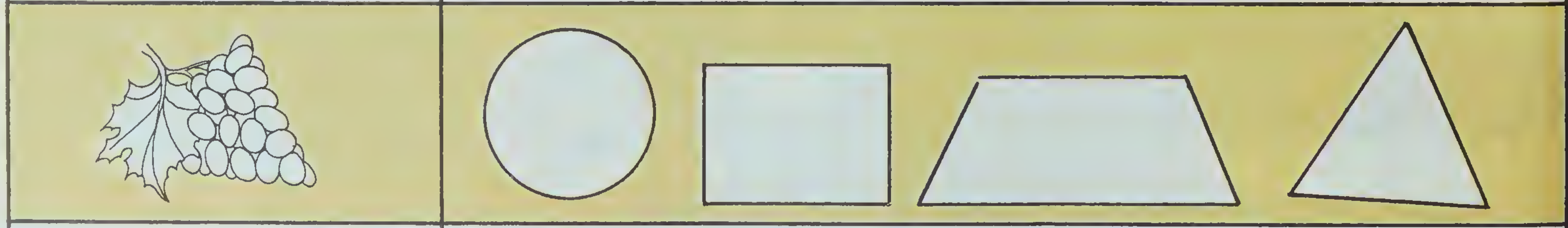


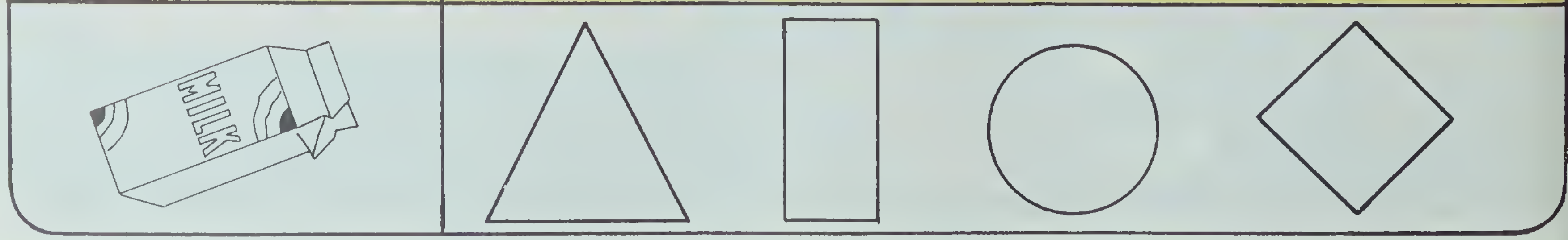


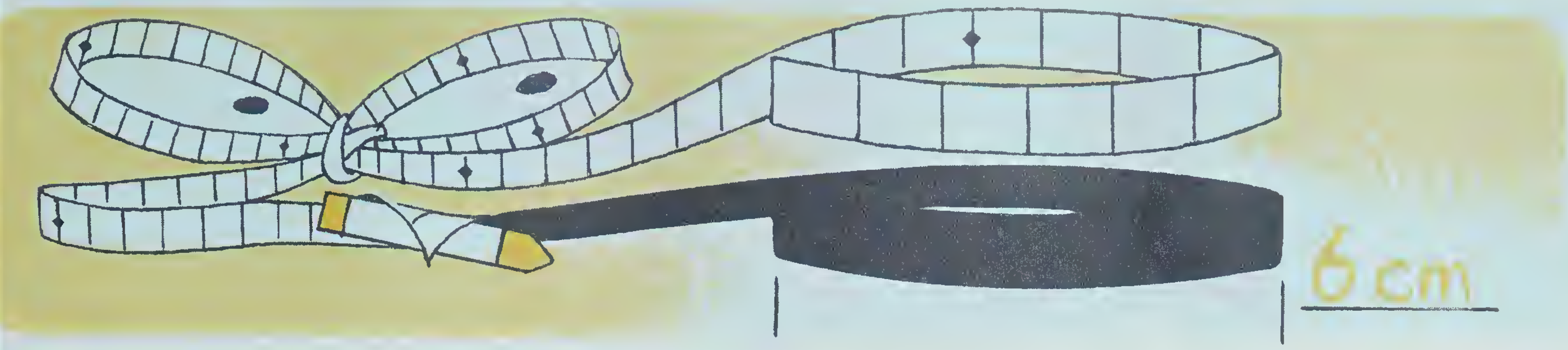




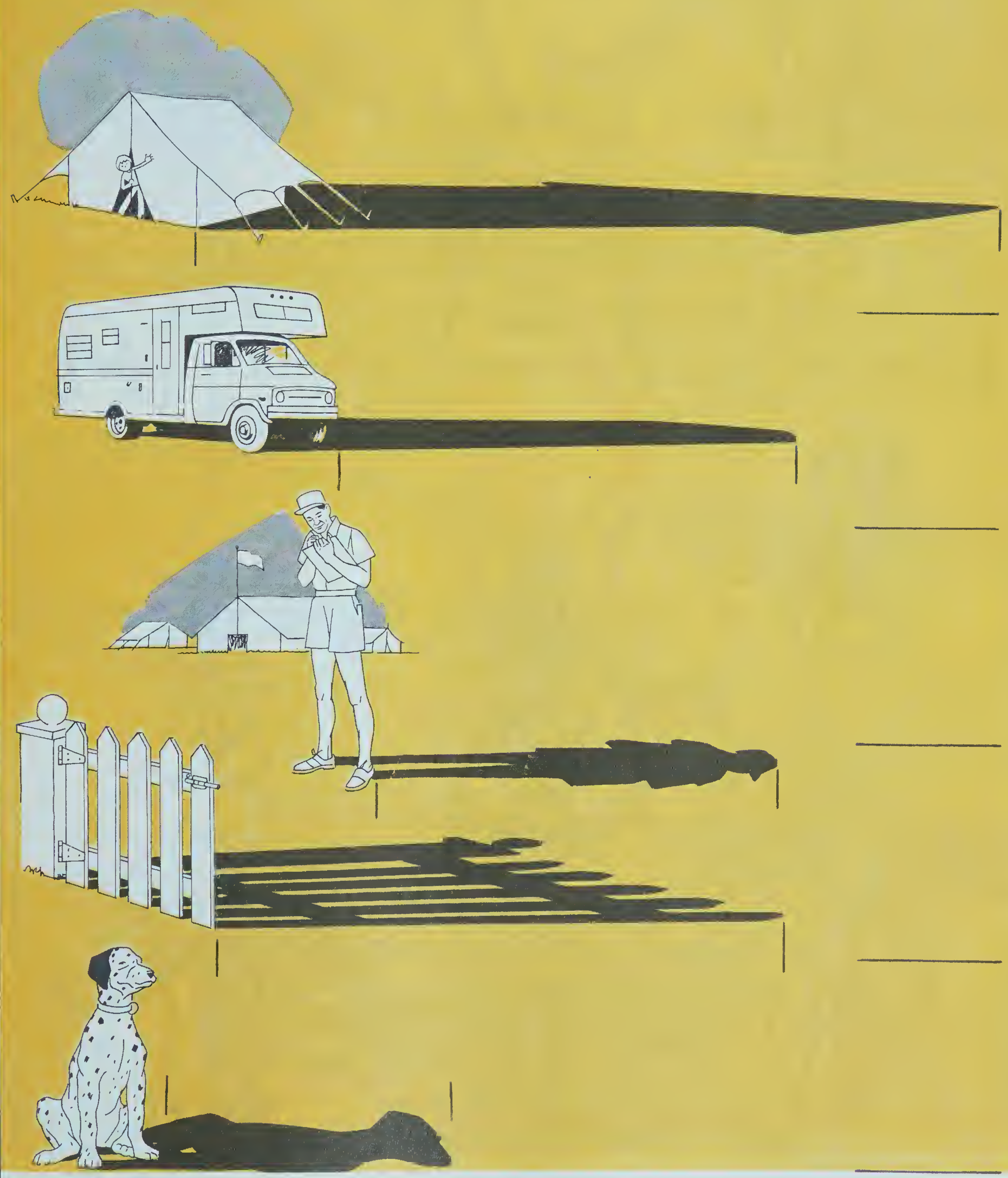




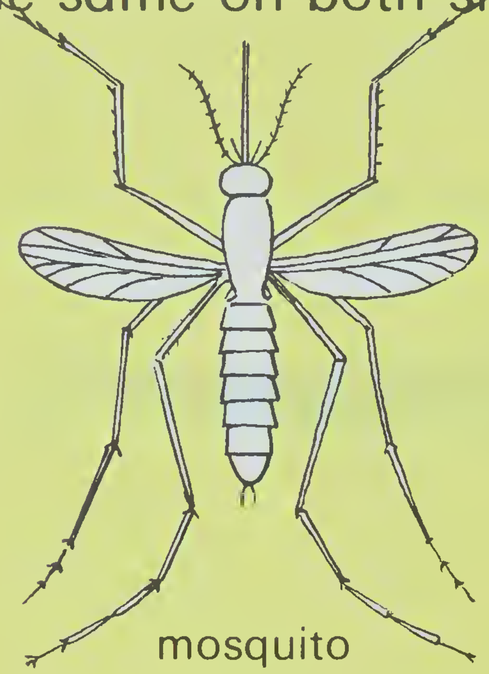




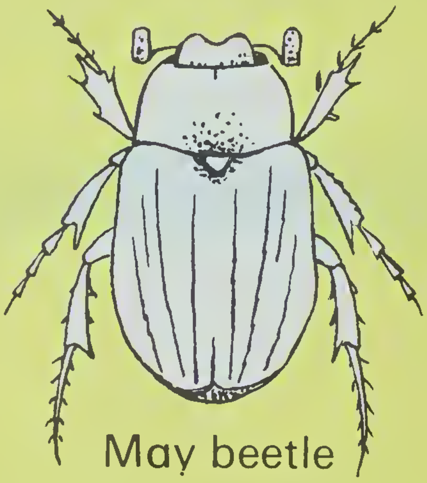
Measure the shadows.



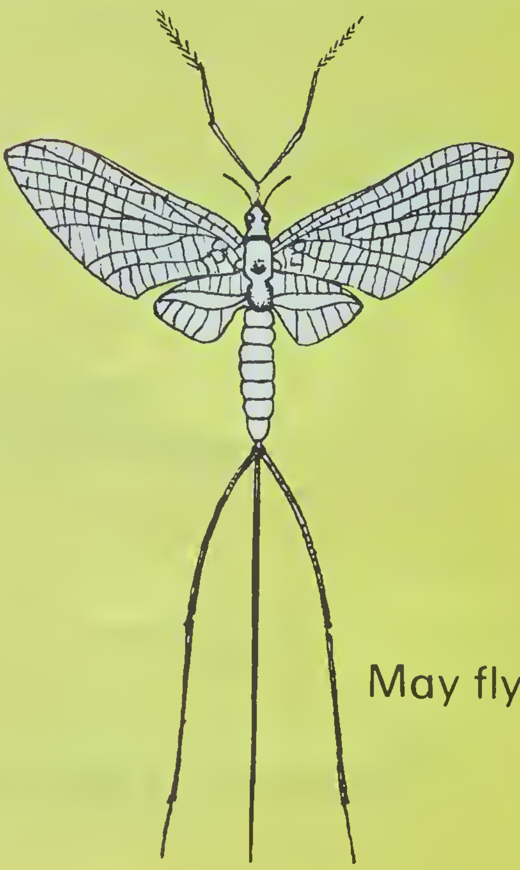
Camping pests. Draw a line and colour to make the pictures the same on both sides of the line.



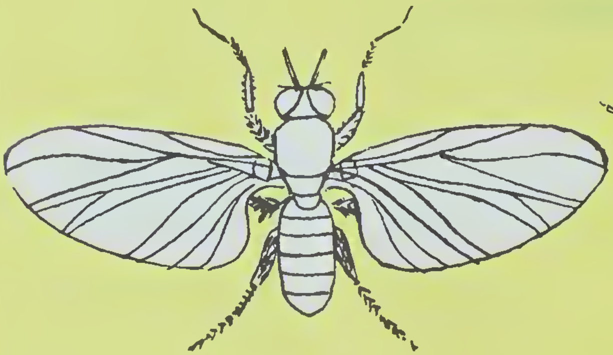
mosquito



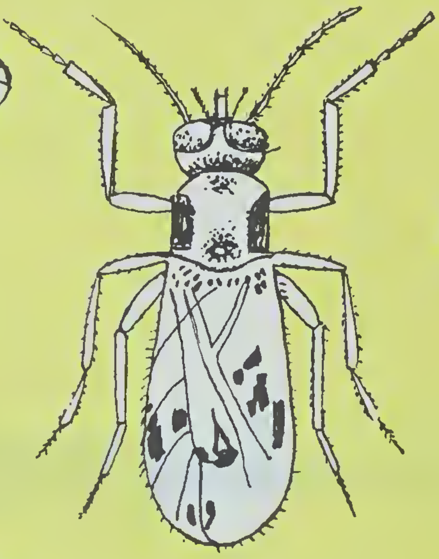
May beetle



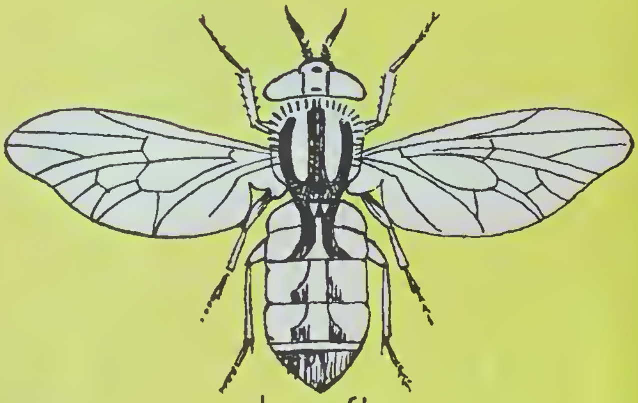
May fly



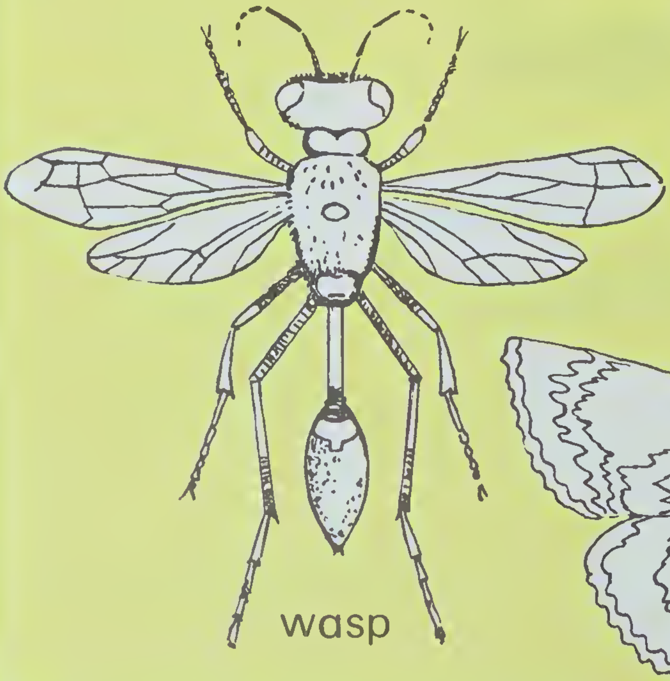
black fly



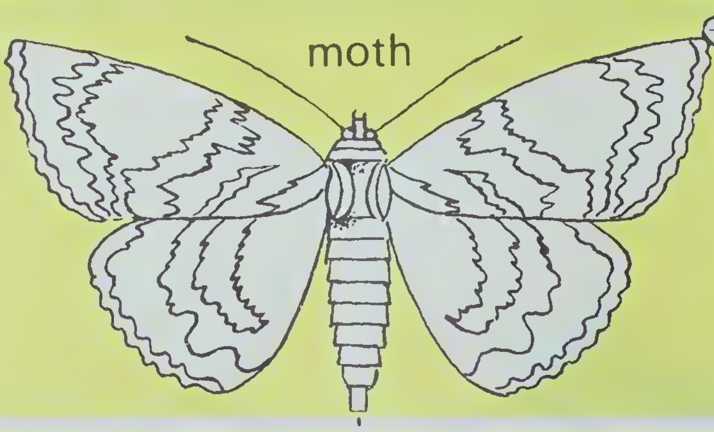
sand fly



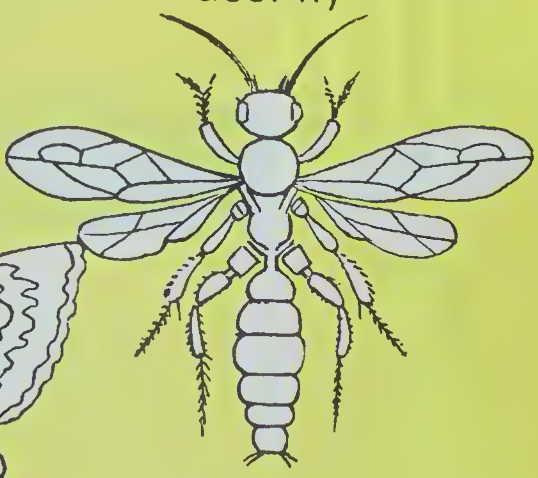
deer fly



wasp



moth



flying ant

$m = 3 + 11$

$m = \underline{14}$

$k + 2 = 10$

$k = \underline{8}$

Sit around the campfire.

$c = 7 + 12$

$c = \underline{\quad}$

$n = 13 - 7$

$n = \underline{\quad}$

$w = 19 - 8$

$w = \underline{\quad}$

$y = 8 + 10$

$y = \underline{\quad}$

$6 + f = 20$

$f = \underline{\quad}$

$e = 13 + 5$

$e = \underline{\quad}$

$8 + h = 14$

$h = \underline{\quad}$

$3 + r = 13$

$r = \underline{\quad}$

$d = 17 - 8$

$d = \underline{\quad}$

$g = 3 + 12$

$g = \underline{\quad}$

$p = 3 + 11$

$p = \underline{\quad}$

$u = 16 - 8$

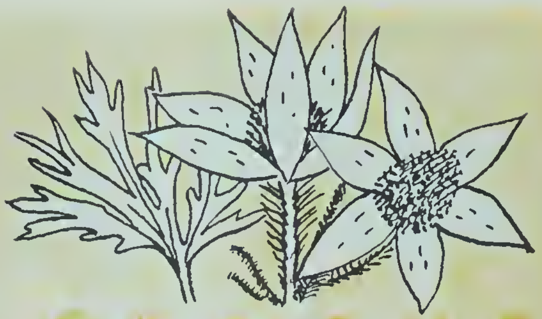
$u = \underline{\quad}$

$k + 4 = 12$

$k = \underline{\quad}$

c = 12 + 8
c = 20

20 − s = 14
s = 6



o = 19 − 11
o = 8

u = 9 + 9
u = 18

r = 6 + 13
r = 19

c r o c u s
20 19 8 20 18 6

Name the wildflowers.

a = 11 + 9
a = ___

19 − i = 3
i = ___

s = 20 − 17
s = ___

b = 19 − 7
b = ___

l = 20 − 16
l = ___

t = 17 − 2
t = ___

18 − c = 5
c = ___

n = 3 + 15
n = ___

3 + u = 17
u = ___

d = 20 − 14
d = ___

18 − o = 8
o = ___

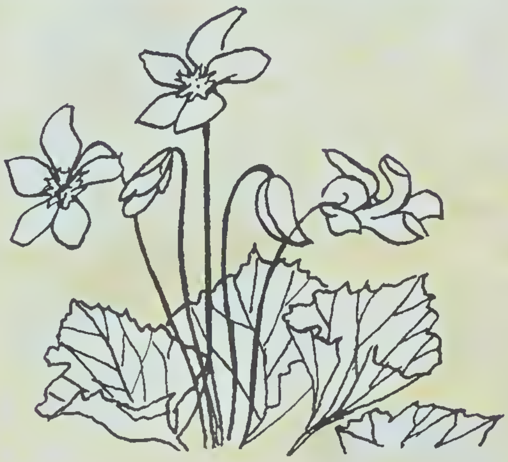
v = 17 − 6
v = ___

e = 5 + 14
e = ___

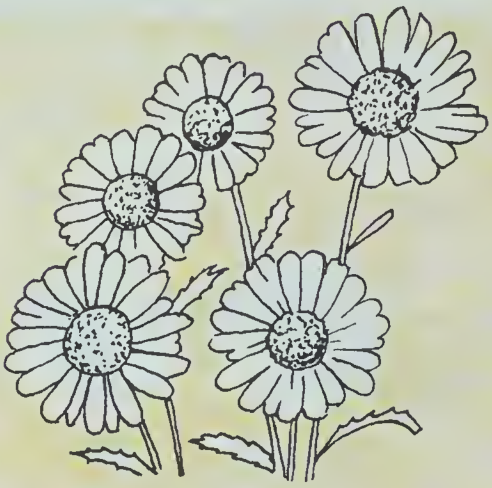
20 − p = 15
p = ___

20 − y = 11
y = ___

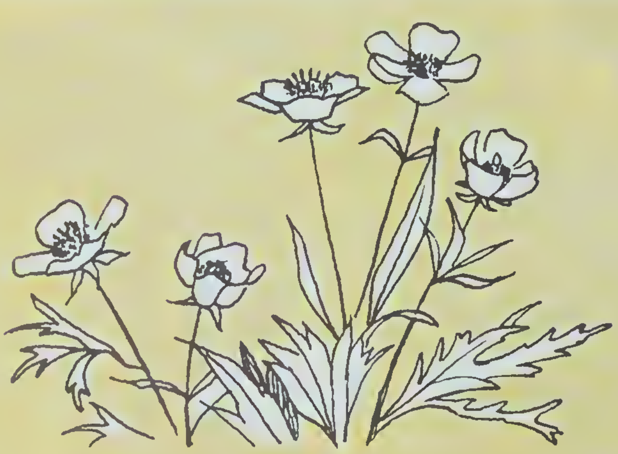
r = 19 − 2
r = ___



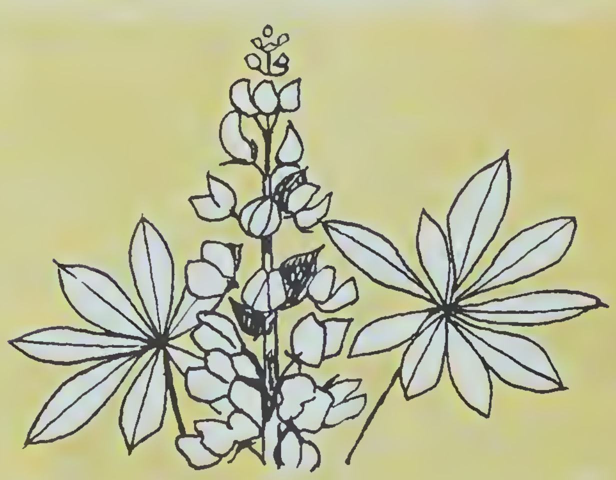
___ ___ ___ ___ ___ ___
11 16 10 4 19 15



___ ___ ___ ___ ___
6 20 16 3 9

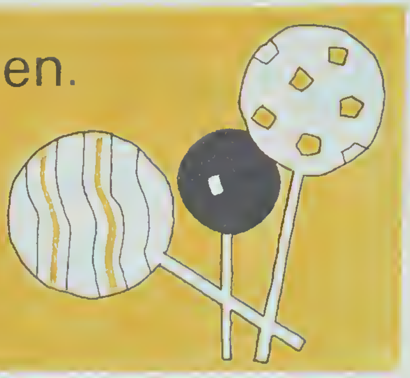


___ ___ ___ ___ ___ ___ ___ ___ ___
12 14 15 15 19 17 13 14 5



___ ___ ___ ___ ___
4 14 5 16 18

I had 14 lollipops and gave 6 to Lucien.
How many lollipops do I have now?
14 − 6 = 8
Now I have 8 lollipops.



Alan and Craig collected wood for the campfire.
Alan found 11 logs and Craig found 4 branches.
How many pieces of wood did the boys collect?

____

They collected ____ pieces of wood.

Lisa had 18 marshmallows for the campfire.
She gave 8 marshmallows to Joel.
How many marshmallows did she have left?

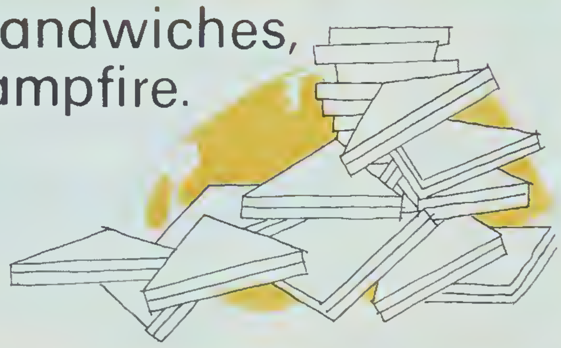
____

Lisa had ____ marshmallows left.

Gina brought 6 ham sandwiches, 4 egg sandwiches, and 7 peanut butter sandwiches to the campfire.
How many sandwiches did she bring?

____

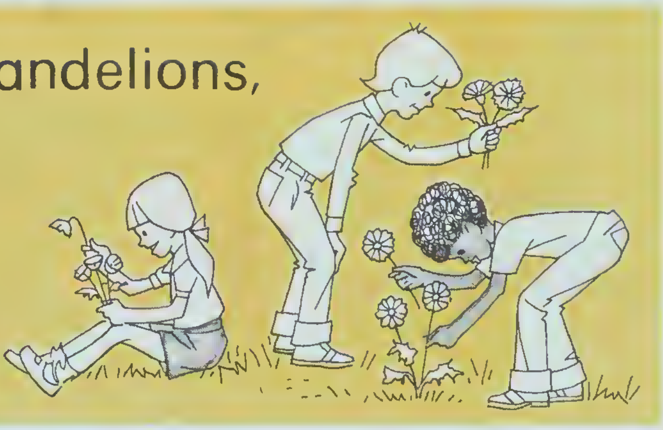
Gina brought ____ sandwiches.



Tony picked 8 daisies, Jim picked 5 dandelions, and Judy picked 7 buttercups.
How many wildflowers did they pick?

____

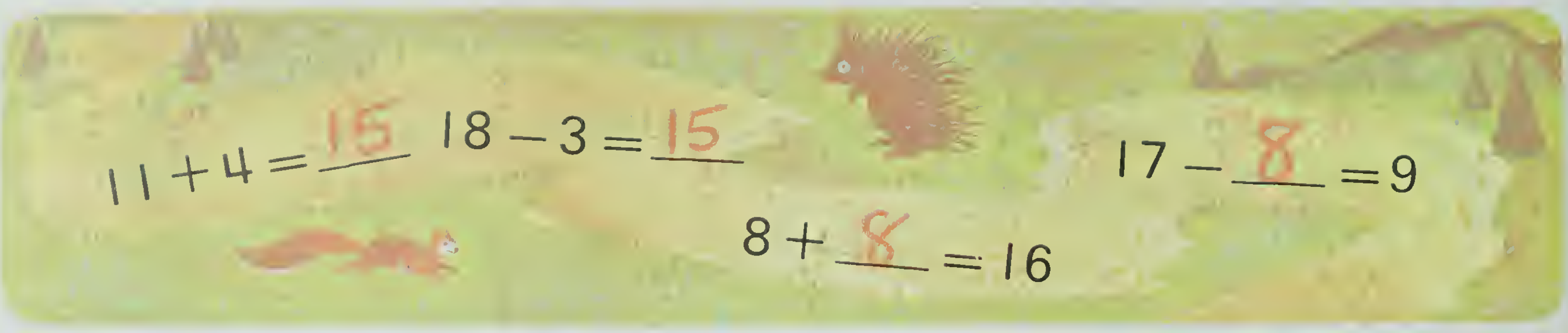
They picked ____ wildflowers.



Create stories.

17 − 4 = ____

5 + 15 = ____



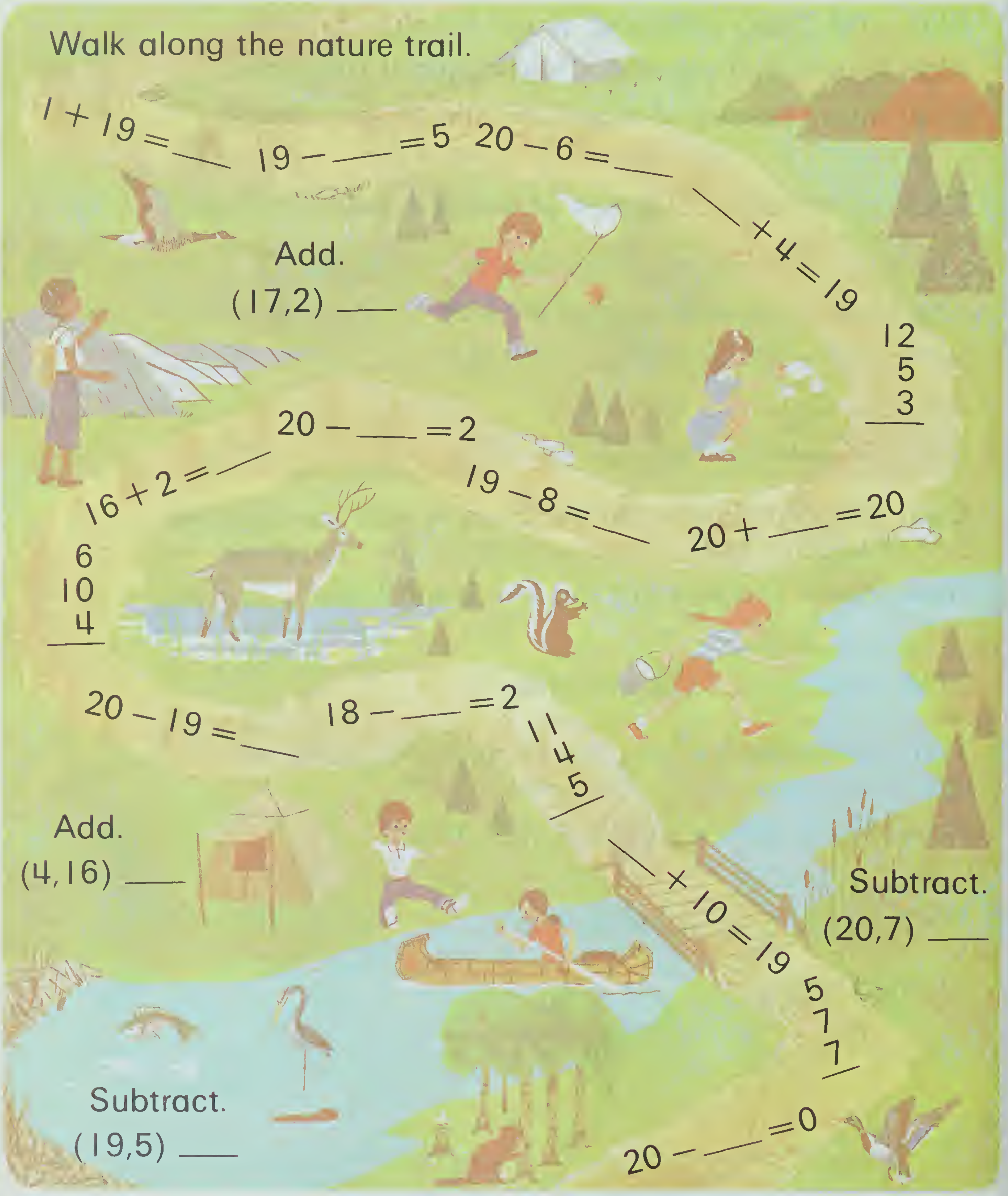
11 + 4 = 15

18 − 3 = 15

8 + 8 = 16

17 − 8 = 9

Walk along the nature trail.



1 + 19 = ___

19 − ___ = 5

20 − 6 = ___

___ + 4 = 19

$\begin{array}{r} 12 \\ 5 \\ \underline{3} \end{array}$

Add.
(17,2) ___

20 − ___ = 2

16 + 2 = ___

19 − 8 = ___

20 + ___ = 20

$\begin{array}{r} 6 \\ 10 \\ \underline{4} \end{array}$

20 − 19 = ___

18 − ___ = 2

$\begin{array}{r} 11 \\ 4 \\ \underline{5} \end{array}$

___ + 10 = 19

$\begin{array}{r} 5 \\ 7 \\ \underline{7} \end{array}$

Add.
(4,16) ___

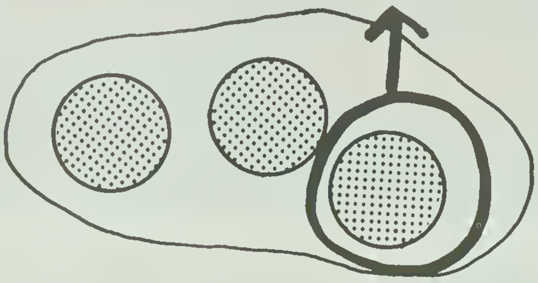
Subtract.
(20,7) ___

Subtract.
(19,5) ___

20 − ___ = 0

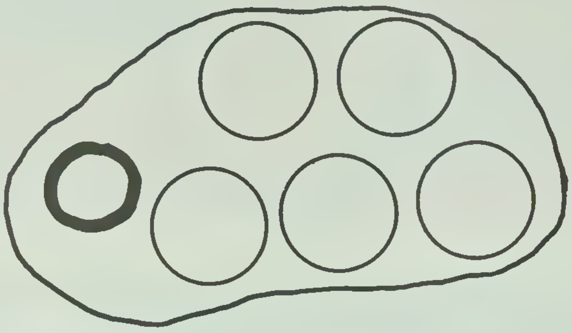
MATHWAYS 2 PLUS

one less



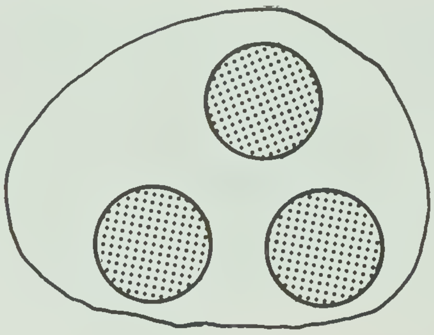
2

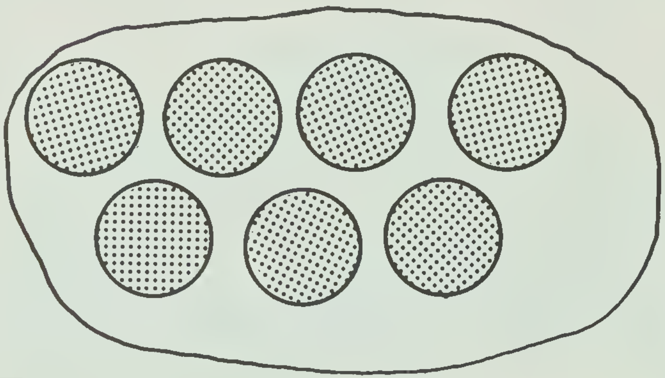
one more

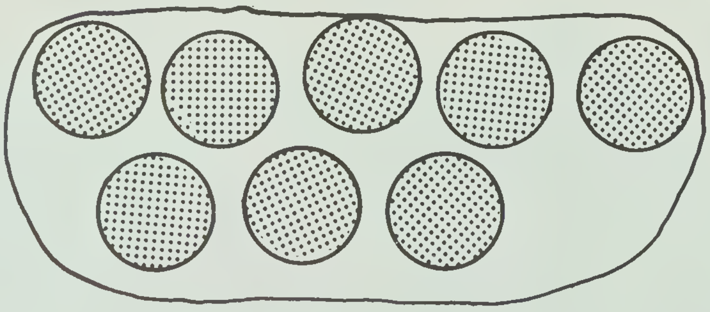


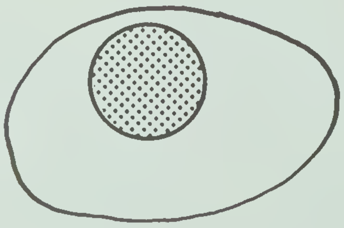
6

Show one less.
Print the numeral.

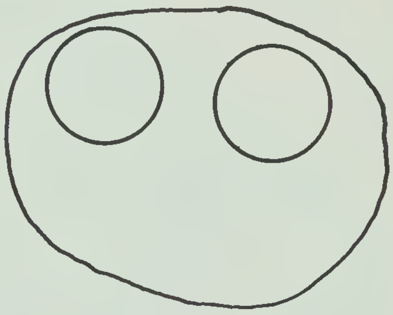


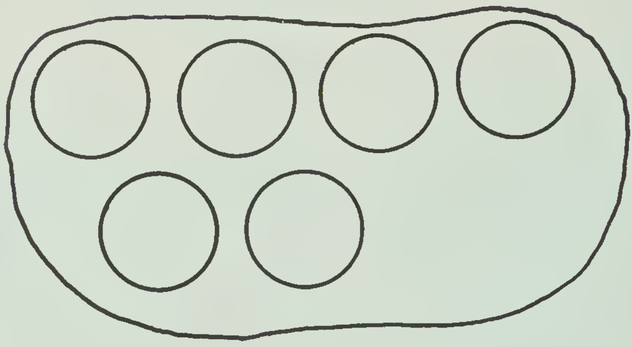


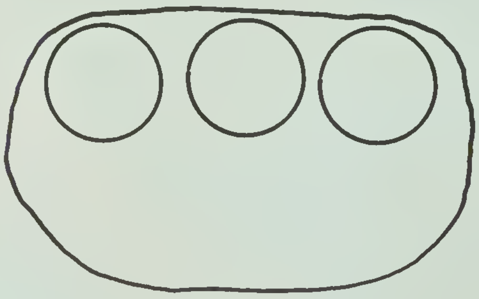


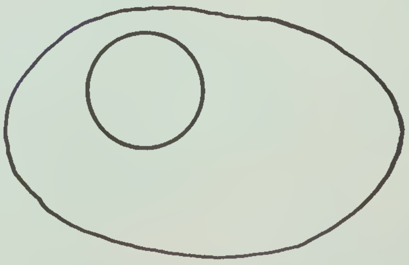


Draw one more.
Print the numeral.



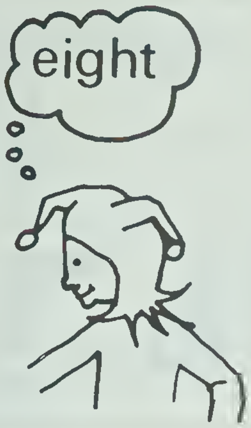






Additional practice with one more, one less to follow page 9

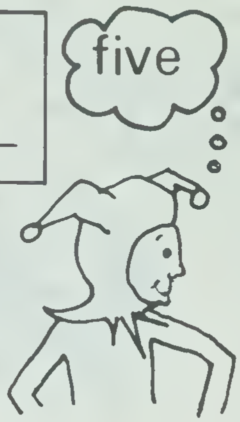
Add.
(5, 3) **8**



Add.

$$\begin{array}{r}5\\ \underline{3}\\ \mathbf{8}\end{array}$$

Subtract.
(8, 3) **5**



Subtract.

$$\begin{array}{r}8\\ \underline{3}\\ \mathbf{5}\end{array}$$

Add.

(6, 2) ____
(4, 4) ____
(3, 5) ____
(2, 6) ____
(4, 3) ____

(2, 2) ____
(5, 3) ____
(6, 2) ____
(4, 4) ____
(7, 1) ____

(1, 7) ____
(5, 0) ____
(3, 3) ____
(3, 5) ____
(2, 6) ____

Add.

4	2	4	6	3	6	3	4	2	5
3	5	2	1	3	2	5	4	6	3

Subtract.

7	5	4	2	8	7	6	8	8	5
3	2	1	2	3	4	3	5	2	3

8	7	6	4	8	7	8	7	8	7
4	1	2	2	7	2	4	5	0	1

Subtract.

(8, 3) ____
(7, 4) ____
(6, 2) ____
(8, 0) ____

(7, 3) ____
(8, 1) ____
(7, 0) ____
(4, 2) ____

(6, 4) ____
(5, 2) ____
(7, 5) ____
(8, 4) ____

Additional practice in addition and subtraction facts to 8 to follow page 17

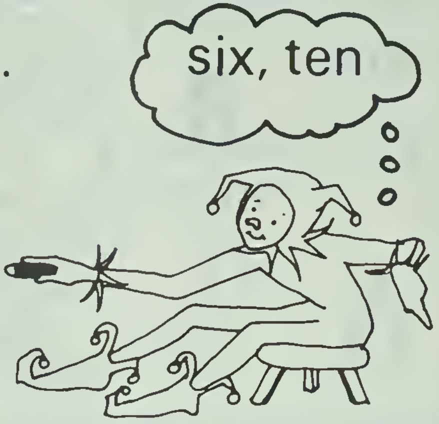
Add.
(6, 4) **10**

Add.

$\begin{array}{r}6\\ \underline{4}\\ \mathbf{10}\end{array}$

Add.

$\begin{array}{r}4\\ 1\\ \underline{5}\\ \mathbf{10}\end{array}$



Add.

(5, 4) ____
(3, 4) ____
(4, 4) ____
(6, 2) ____
(2, 8) ____

(7, 3) ____
(8, 1) ____
(5, 5) ____
(6, 4) ____
(3, 3) ____

(4, 6) ____
(2, 6) ____
(4, 5) ____
(4, 3) ____
(8, 2) ____

4	6	3	4	3	8	4	3	7	6
3	2	7	4	5	2	5	6	2	4

4	2	4	6	5	3	3	5	2	7
2	8	6	2	4	3	7	3	2	0

9	2	3	6	8	2	4	5	4	5
1	8	2	1	2	7	5	2	4	4

2	3	5	4	1	1	2	1	2	1
3	4	1	2	3	7	4	3	6	4
4	2	4	3	6	2	4	5	2	5

Additional practice in addition facts to 10 to follow page 25

Subtract.
(10, 4) 6

Subtract.

$$\begin{array}{r} 10 \\ \underline{4} \\ 6 \end{array}$$

Subtract.

(9, 4) _____
(8, 5) _____
(6, 4) _____
(7, 3) _____
(6, 3) _____
(8, 4) _____
(10, 6) _____
(10, 7) _____

(10, 5) _____
(10, 2) _____
(8, 2) _____
(10, 4) _____
(9, 1) _____
(10, 3) _____
(5, 2) _____
(10, 9) _____

(7, 4) _____
(9, 4) _____
(8, 3) _____
(10, 8) _____
(6, 2) _____
(8, 6) _____
(9, 8) _____
(5, 3) _____

$$\begin{array}{rrrrrrrrrr} 9 & 6 & 8 & 10 & 7 & 8 & 9 & 5 & 10 & 9 \\ \underline{4} & \underline{3} & \underline{5} & \underline{4} & \underline{2} & \underline{4} & \underline{1} & \underline{0} & \underline{2} & \underline{3} \end{array}$$

$$\begin{array}{rrrrrrrrrr} 6 & 10 & 5 & 8 & 10 & 9 & 8 & 6 & 10 & 9 \\ \underline{4} & \underline{5} & \underline{2} & \underline{3} & \underline{6} & \underline{5} & \underline{2} & \underline{2} & \underline{7} & \underline{6} \end{array}$$

$$\begin{array}{rrrrrrrrrr} 8 & 10 & 9 & 8 & 7 & 8 & 9 & 6 & 5 & 10 \\ \underline{6} & \underline{7} & \underline{5} & \underline{3} & \underline{2} & \underline{1} & \underline{6} & \underline{4} & \underline{2} & \underline{5} \end{array}$$

$$\begin{array}{rrrrrrrrrr} 10 & 9 & 10 & 7 & 8 & 9 & 10 & 8 & 9 & 10 \\ \underline{5} & \underline{3} & \underline{6} & \underline{4} & \underline{5} & \underline{4} & \underline{3} & \underline{4} & \underline{2} & \underline{7} \end{array}$$

Additional practice in subtraction facts to 10 to follow page 25

23 means 2 tens and 3.

45 = 40 + 5

Add.

2	20
1	10
3	30

Subtract.

5	50
3	30
2	20

Complete.

38 means ____ tens and ____.

64 means ____ tens and ____.

76 means ____ tens and ____.

92 means ____ tens and ____.

19 means ____ tens and ____.

87 means ____ tens and ____.

51 means ____ tens and ____.

28 means ____ tens and ____.

54 = ____ + ____

37 = ____ + ____

61 = ____ + ____

29 = ____ + ____

90 = ____ + ____

48 = ____ + ____

17 = ____ + ____

73 = ____ + ____

89 = ____ + ____

29 = ____ + ____

88 = ____ + ____

42 = ____ + ____

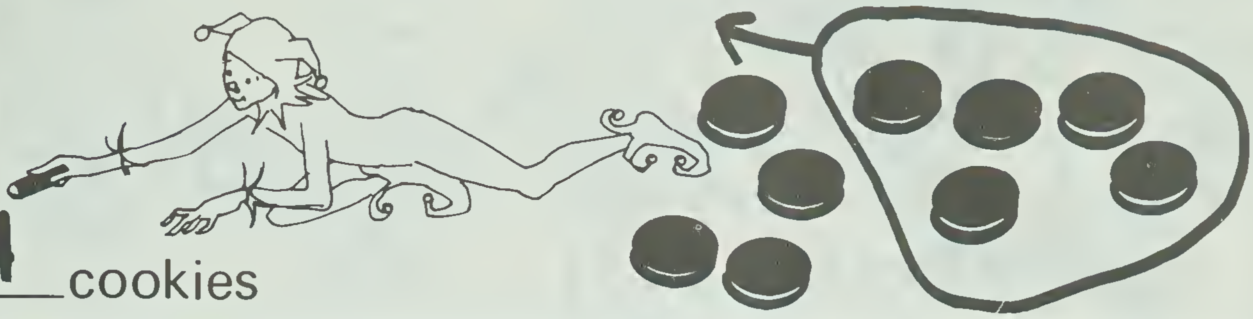
Add.

3	30	5	50	5	50	3	30	2	20
4	40	4	40	5	50	2	20	8	80

Subtract.

9	90	7	70	8	80	9	90	10	100
4	40	3	30	2	20	5	50	6	60

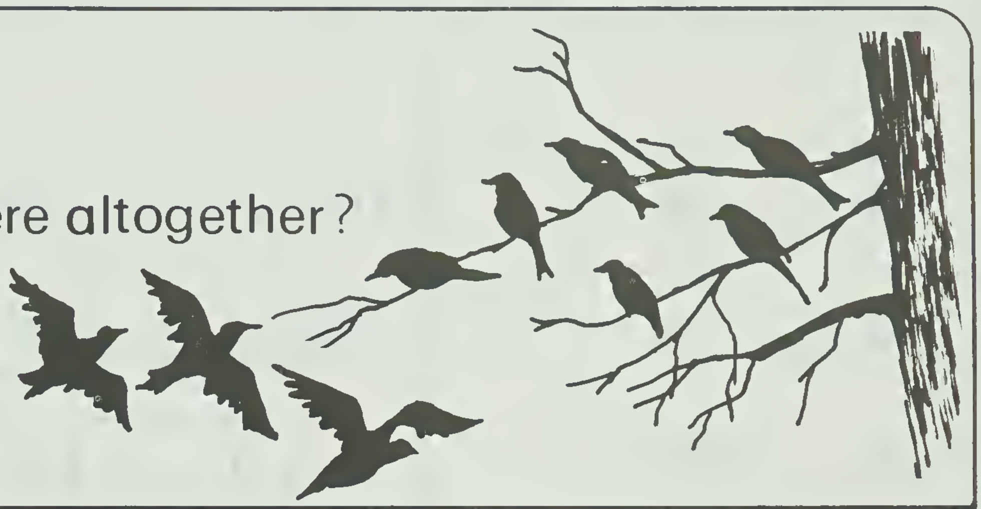
I had 9 cookies. I gave 5 away. How many have I left?



9-5 = 4 cookies

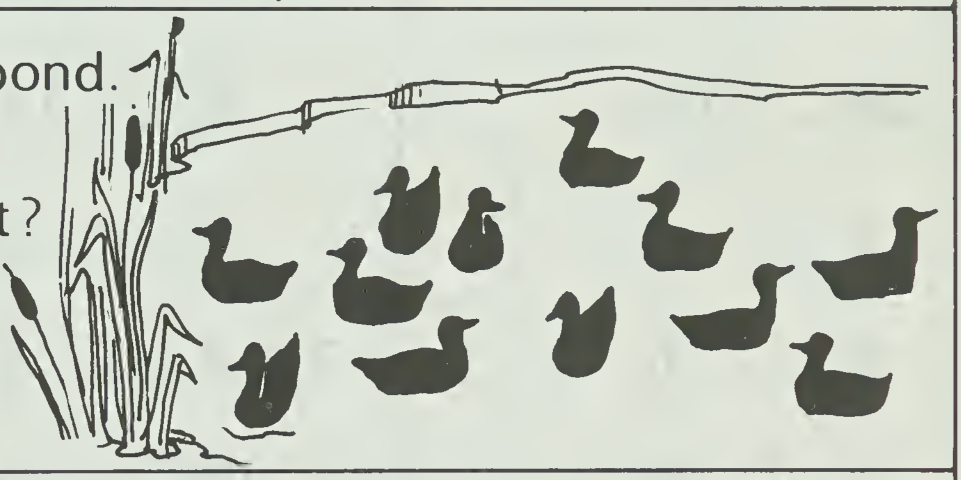
6 birds were in a tree.
3 more birds came.
How many birds were there altogether?

_________ = _____birds



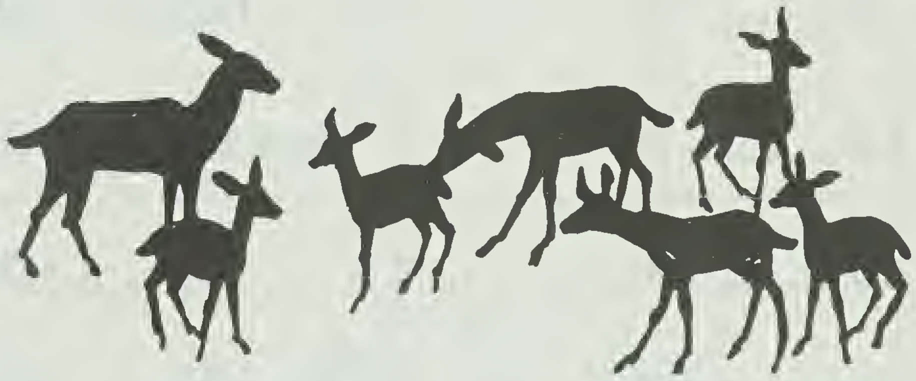
There were 12 ducks in a pond.
5 flew away.
How many ducks were left?

_________ = _____ducks



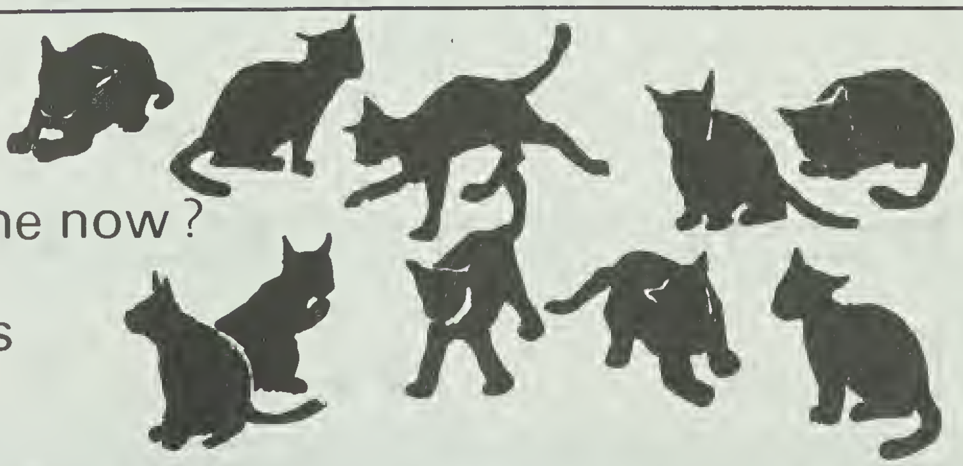
I saw 7 deer in the forest.
5 deer ran away.
How many deer were left?

_________ = _____deer



Maria had 8 kittens.
She found 2 more.
How many kittens has she now?

_________ = _____kittens



6 > 4   7 < 3 + 5

Complete. Use > or <.

8 ___ 9

4 ___ 7

47 ___ 37

29 ___ 49

5 ___ 6

8 ___ 6

9 ___ 7

12 ___ 5

26 ___ 19

14 ___ 18

8 ___ 10

27 ___ 15

9 ___ 12

10 − 4 ___ 5

7 + 2 ___ 10

9 + 1 ___ 12

8 ___ 12 − 2

9 ___ 6 + 6

7 + 3 ___ 8

10 ___ 9 + 3

5 + 6 ___ 10

6 ___ 10 − 1

2 + 9 ___ 9

8 + 3 ___ 9

5 ___ 4 + 7

2 + 10 ___ 7

10 − 2 ___ 4

9 ___ 8 + 2

12 ___ 6 + 5

11 − 5 ___ 10

9 + 3 ___ 8

6 + 6 ___ 7

9 ___ 12 − 4

10 − 8 ___ 3

8 ___ 4 + 5

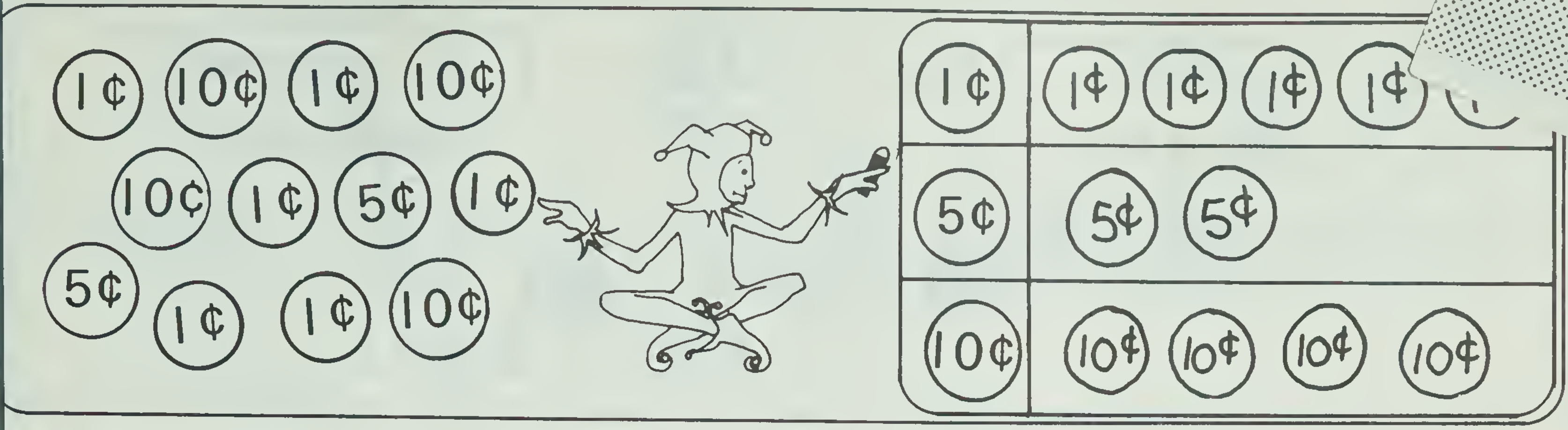
10 − 1 ___ 8

11 − 5 ___ 4

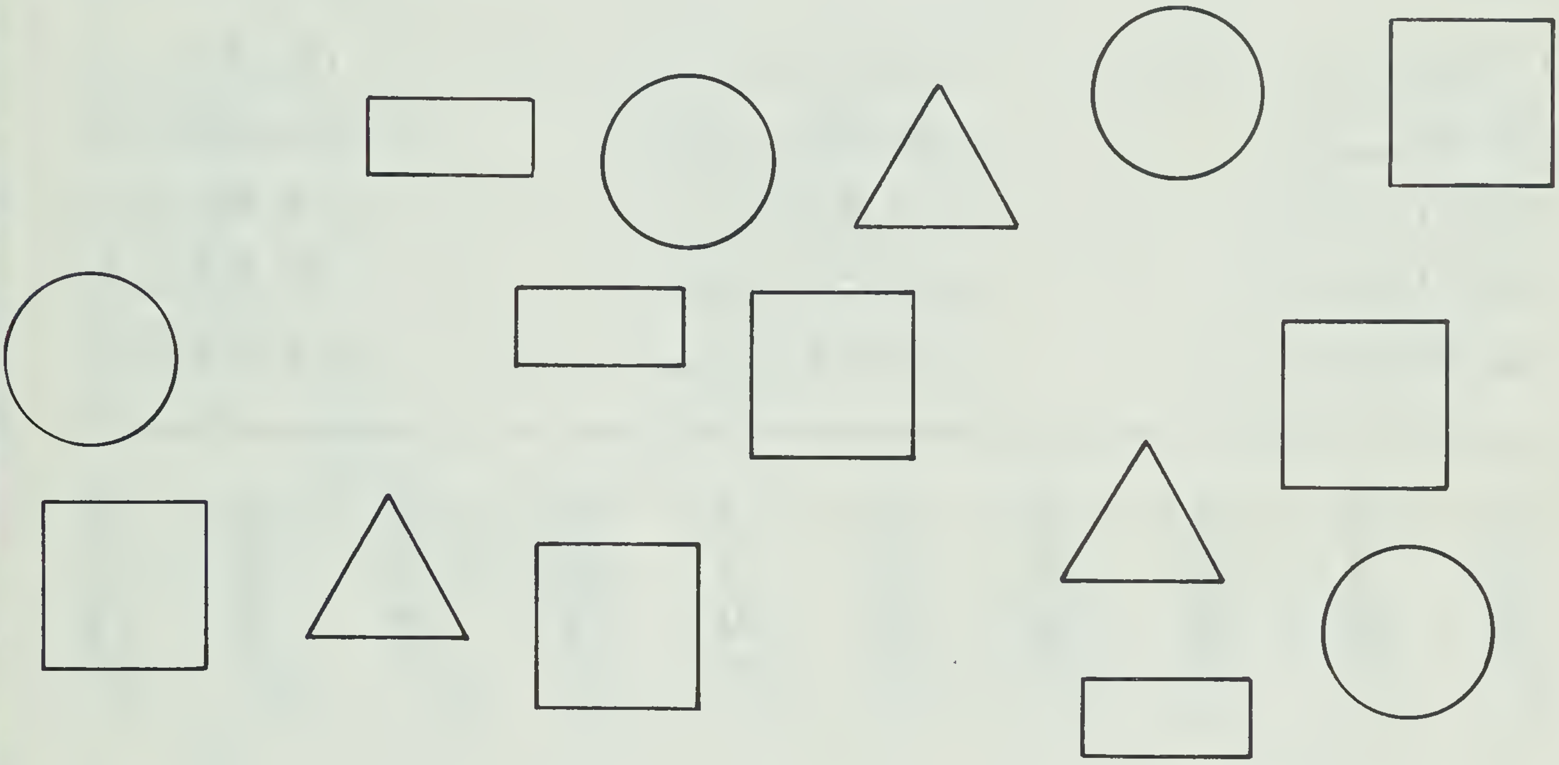
8 ___ 2 + 5

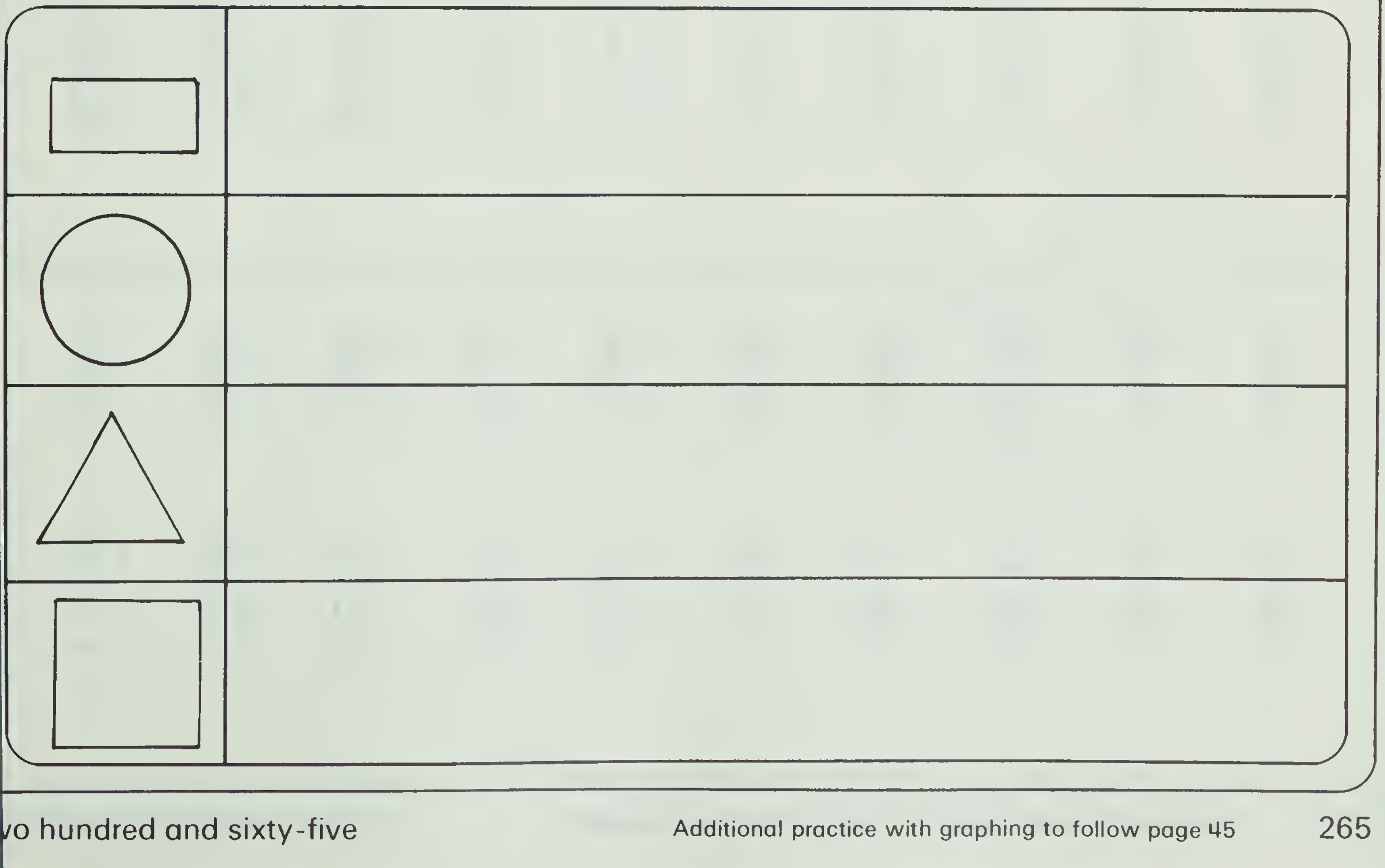
9 ___ 3 + 5

Additional practice with greater than, less than to follow page 44


1¢
10¢
1¢
10¢
10¢
1¢
5¢
1¢
5¢
1¢
1¢
10¢
1¢
1¢
1¢
1¢
1¢
5¢
5¢
5¢
10¢
10¢
10¢
10¢
10¢

Sort and make a graph.





Additional practice with graphing to follow page 45

Add.
(6, 7) 13 thirteen

Add.
$$\begin{array}{r}6\\ \underline{7}\\ 13\end{array}$$

Add.
$$\begin{array}{r}7\\ 1\\ \underline{5}\\ 13\end{array}$$

six, thirteen

Add.

(7, 5) ____
(5, 8) ____
(6, 4) ____
(6, 7) ____
(4, 3) ____

(5, 4) ____
(6, 3) ____
(7, 6) ____
(6, 6) ____
(5, 5) ____

(8, 3) ____
(9, 2) ____
(9, 4) ____
(6, 5) ____
(2, 7) ____

4	6	2	5	3	2	3	2	2	4
5	3	8	4	2	7	6	3	6	3
3	4	3	4	7	4	2	8	3	2

2	1	5	2	3	5	4	7	6	3
8	6	4	4	4	2	5	3	4	4
2	4	3	6	5	6	3	3	1	3

5	7	10	6	4	8	6	4	5	7
5	2	3	5	9	3	7	7	5	3

8	7	4	3	2	6	2	11	8	9
5	6	8	9	7	6	10	2	2	1

Subtract.
(13, 5) 8

Subtract.

$$\begin{array}{r} 13 \\ 5 \\ \hline 8 \end{array}$$

Subtract.

(13, 4) ____
(9, 6) ____
(12, 5) ____
(13, 5) ____
(11, 3) ____

(12, 10) ____
(13, 9) ____
(12, 3) ____
(9, 4) ____
(12, 7) ____

(13, 3) ____
(10, 4) ____
(11, 5) ____
(12, 4) ____
(11, 6) ____

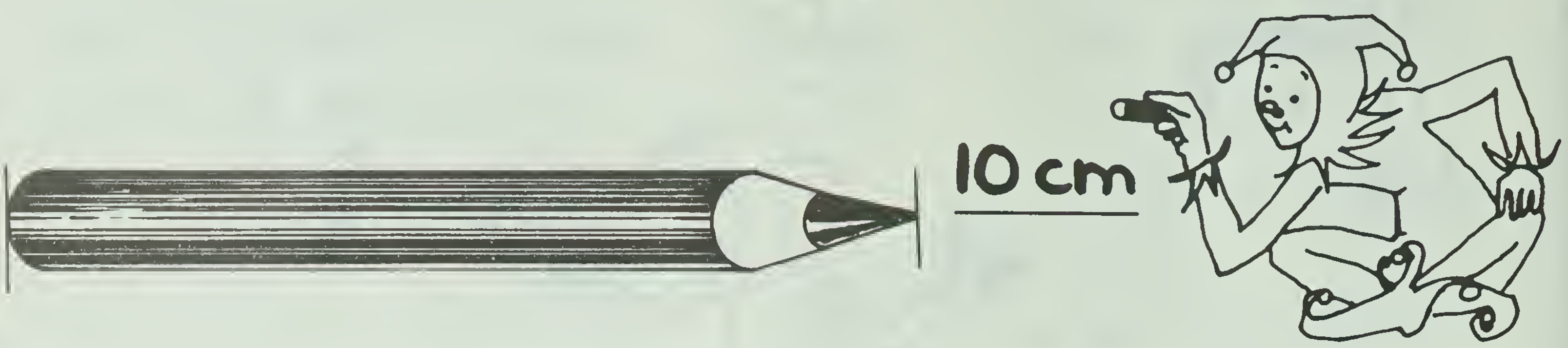
12	11	7	13	10	12	13	9	13	12
6	4	3	6	5	8	4	5	7	5

11	12	10	7	13	13	12	11	10	12
3	4	3	5	2	5	3	8	4	9

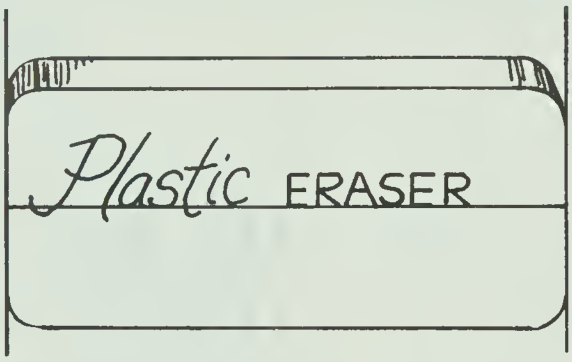
9	12	13	12	11	10	9	10	13	9
4	7	9	10	9	6	3	7	8	7

13	12	11	12	13	10	11	13	13	12
8	6	3	9	6	7	4	3	2	8

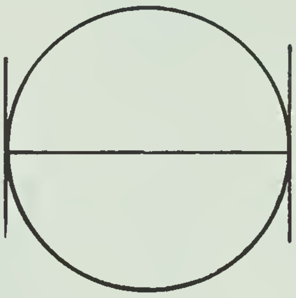
Additional practice in subtraction facts to 13 to follow page 48



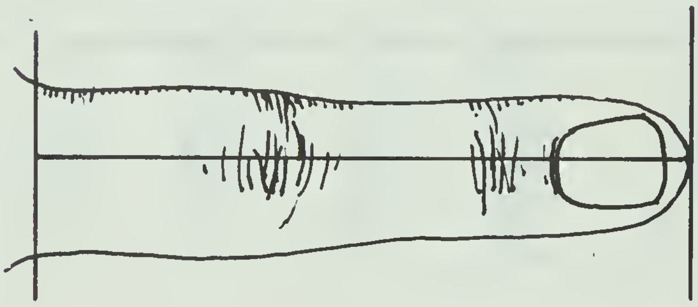
How many centimetres?


Plastic ERASER

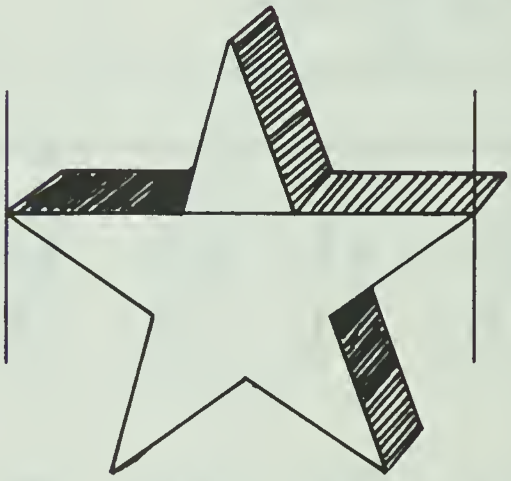
______



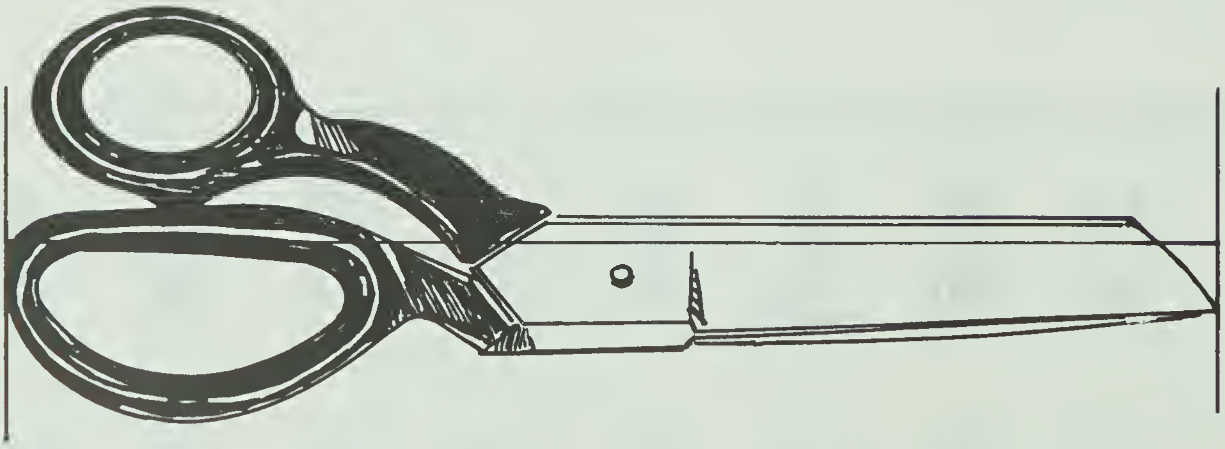
______



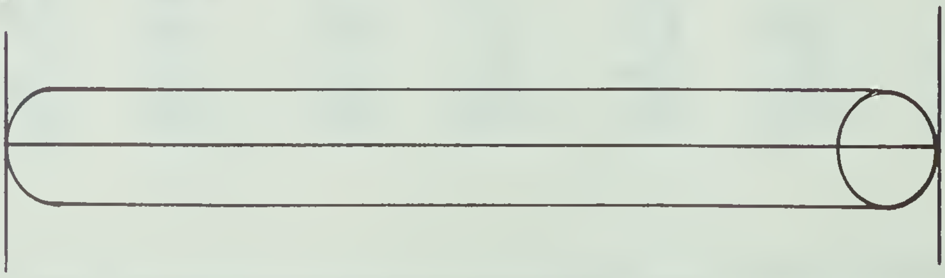
______



______



______



______

1	3	5	7	9	11

Continue the patterns.

2	4	6				
10	20	30				
3	5	6	8			
1	11	21				
13	11	9	7			

Make up your own number pattern.

Additional practice with number patterns to follow page 60

Add.
(8, 7) **15** fifteen

Add.

8
7
15

Add.

7
4
4
15

eight, fifteen

Add.

(5, 8)_____ (6, 7)_____ (9, 4)_____

(5, 9)_____ (7, 8)_____ (9, 6)_____

(9, 4)_____ (7, 7)_____ (6, 8)_____

Add.

7	5	6	5	9	6	7	5	8	9
8	9	7	8	4	8	7	6	4	6

Add.

3	6	2	1	8	4	3	8	5	6
7	2	4	8	4	9	6	3	3	5
5	7	9	5	3	2	5	4	6	3

Subtract.

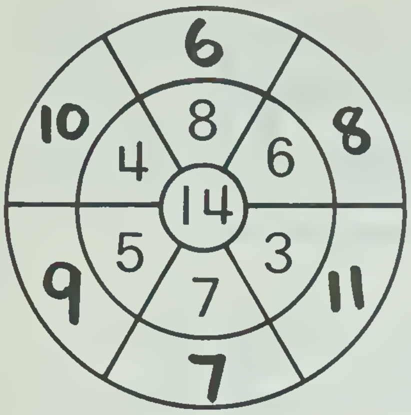
(13, 5)_____ (14, 5)_____ (13, 4)_____

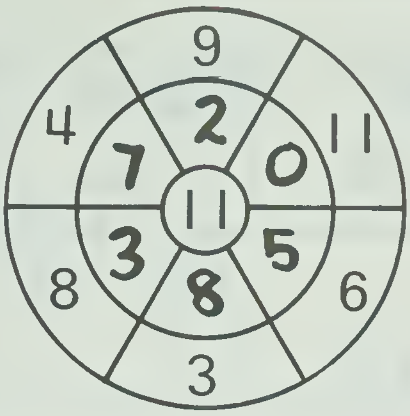
(14, 7)_____ (15, 7)_____ (15, 6)_____

Subtract.

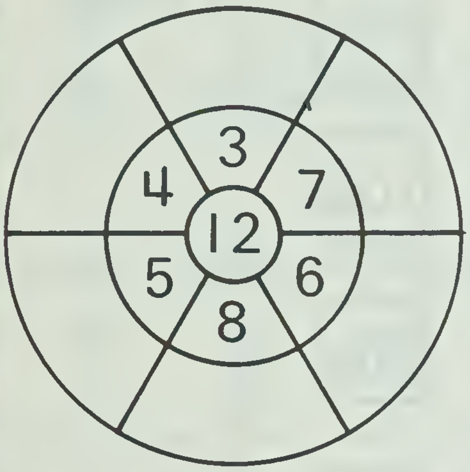
15	14	12	15	11	14	15	13	14	13
9	6	7	8	5	9	7	6	5	8

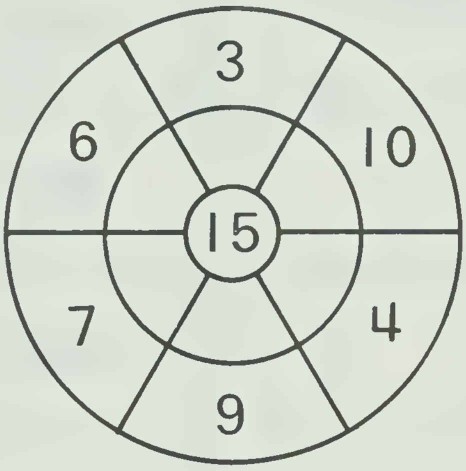
Additional practice in addition and subtraction facts to 15 to follow page 68

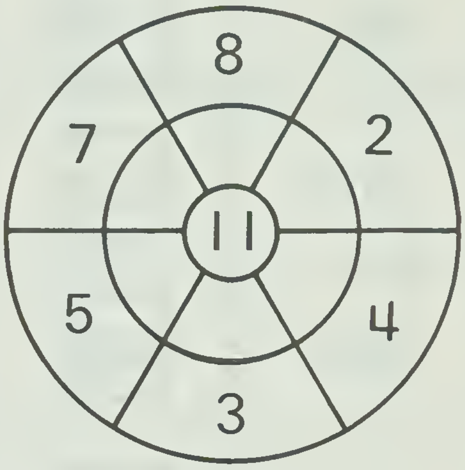

14
8
6
3
7
5
4
6
8
11
7
9
10

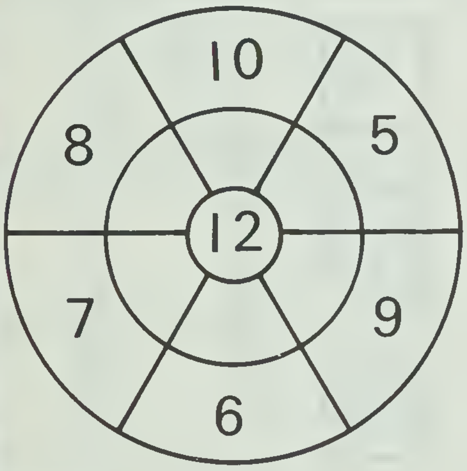

11
2
0
5
8
3
7
9
11
6
3
8
4

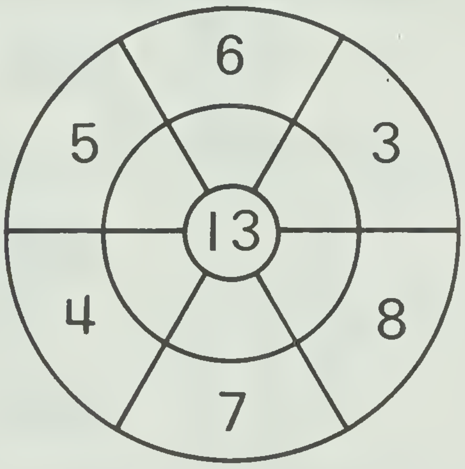
Complete.

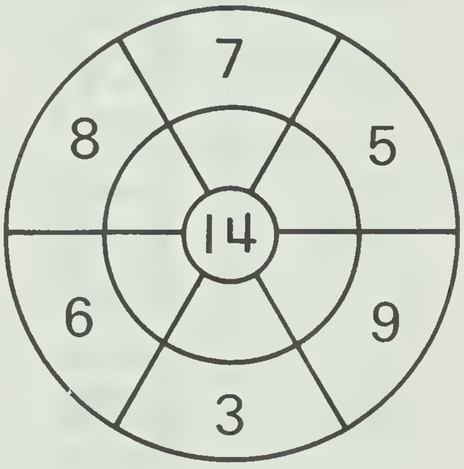


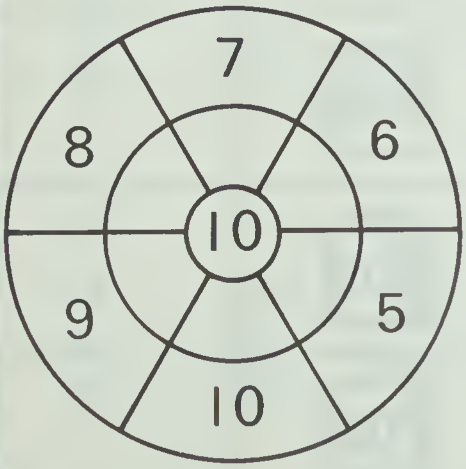


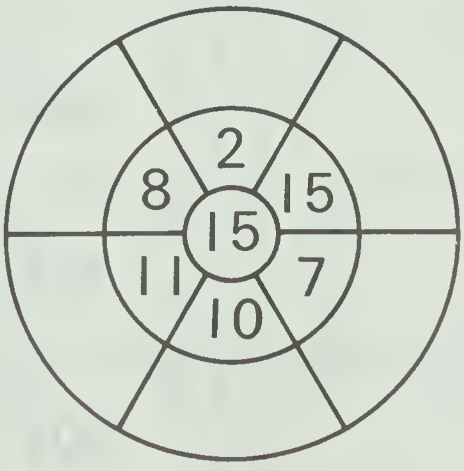


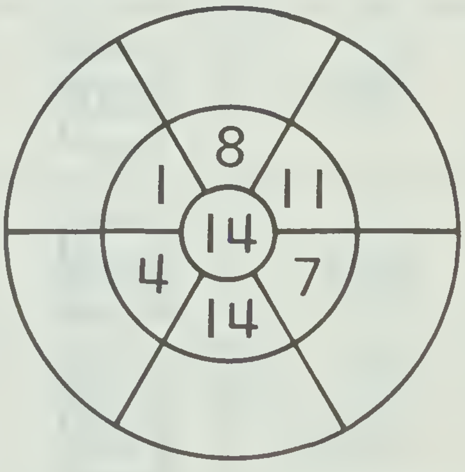









15
2
15
7
10
11
8


14
8
11
7
14
4
1

Additional practice in addition facts to 15 to follow page 68

I had	I spent	Now I have
15¢	10¢	5¢

I had	I spent	Now I have	I had	I spent	Now I have
50¢	10¢		25¢	12¢	
40¢	25¢		30¢	10¢	
75¢	50¢		40¢	20¢	
25¢	15¢		20¢	8¢	
40¢	10¢		25¢	5¢	
20¢	15¢		50¢	25¢	
35¢	20¢		75¢	25¢	
50¢	25¢		50¢	20¢	
25¢	20¢		45¢	25¢	
50¢	30¢		70¢	50¢	
75¢	10¢		20¢	10¢	

Add.
(8, 9) **17**

Add.
8
9
17

Add.
9
1
7
17

eight, seventeen

Add.

9	7	6	7	8	9	5	7	8	8
8	8	9	5	6	5	6	5	6	9

4	6	3	7	5	8	9	9	6	8
9	6	8	7	8	8	6	8	7	4

(8, 9) ______
(5, 8) ______
(6, 6) ______
(7, 7) ______
(7, 9) ______
(8, 8) ______
(9, 6) ______
(6, 8) ______
(5, 9) ______

4	2	6	5	4	6	5	9	9	8
7	9	3	8	4	5	4	4	5	2
5	6	8	4	9	6	4	2	3	7

7	6	6	9	7	9	4	2	6	5
9	5	7	3	6	1	3	8	2	3
1	3	2	4	2	5	6	7	9	8

7	4	6	4	8	5	7	6	2	6
4	2	3	3	5	3	4	5	8	2
2	9	5	6	4	7	3	4	3	5

Additional practice in addition facts to 17 to follow page 99

Subtract.
(17, 9) 8

Subtract.

$$\begin{array}{r} 17 \\ 9 \\ \hline 8 \end{array}$$

Subtract.

$$\begin{array}{cccccccccc} 17 & 15 & 13 & 16 & 14 & 12 & 17 & 15 & 16 & 12 \\ 8 & 6 & 5 & 7 & 5 & 7 & 9 & 8 & 8 & 4 \\ \hline \end{array}$$

$$\begin{array}{cccccccccc} 16 & 15 & 14 & 13 & 17 & 16 & 15 & 14 & 13 & 14 \\ 9 & 7 & 9 & 6 & 6 & 5 & 9 & 8 & 7 & 6 \\ \hline \end{array}$$

(12, 4) ______
(14, 6) ______
(15, 9) ______
(11, 6) ______
(14, 8) ______
(16, 7) ______
(12, 8) ______

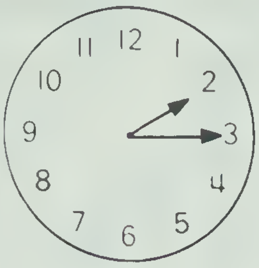
(13, 7) ______
(15, 8) ______
(12, 0) ______
(17, 8) ______
(13, 9) ______
(14, 7) ______
(16, 1) ______

(16, 8) ______
(17, 9) ______
(16, 9) ______
(15, 7) ______
(11, 2) ______
(16, 6) ______
(12, 9) ______

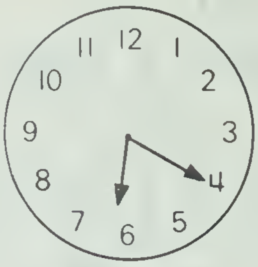
$$\begin{array}{cccccccccc} 14 & 16 & 13 & 15 & 17 & 13 & 14 & 17 & 15 & 16 \\ 8 & 9 & 5 & 7 & 8 & 8 & 7 & 9 & 6 & 8 \\ \hline \end{array}$$

$$\begin{array}{cccccccccc} 17 & 14 & 16 & 11 & 15 & 16 & 17 & 14 & 13 & 15 \\ 6 & 9 & 3 & 4 & 8 & 7 & 5 & 4 & 6 & 5 \\ \hline \end{array}$$

Additional practice in subtraction facts to 17 to follow page 99

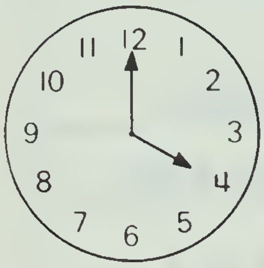


2:15

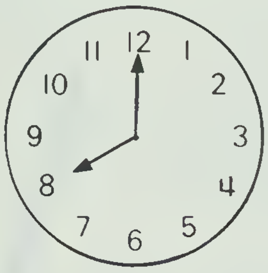


6:20

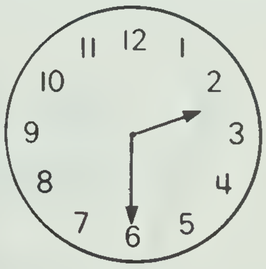
What time is it?



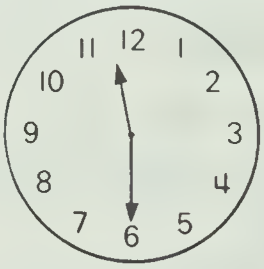
____



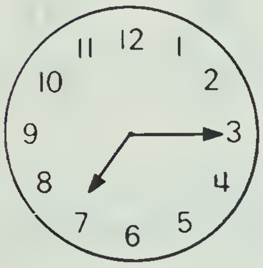
____



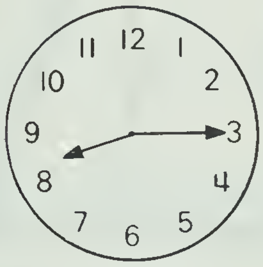
____



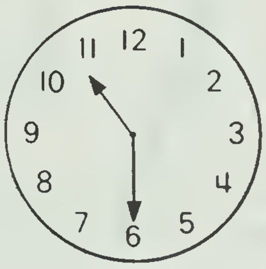
____



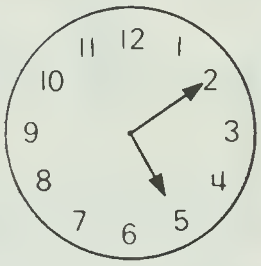
____



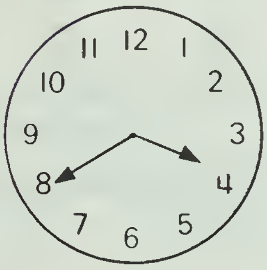
____



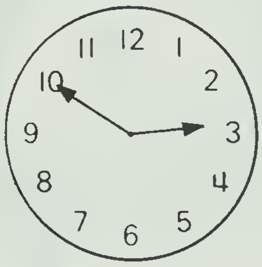
____



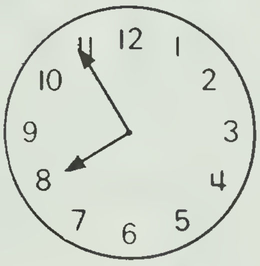
____



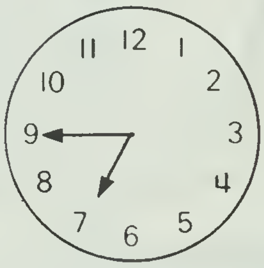
____



____



____

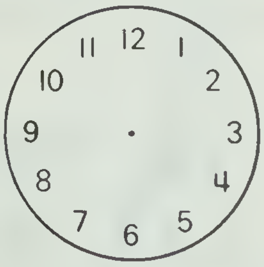


____

Show the time.

11:30

5:15

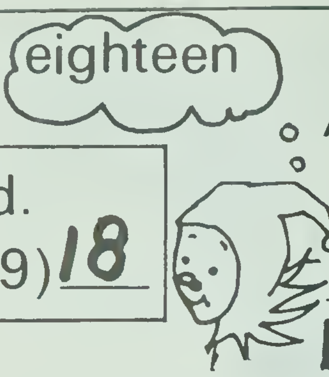


4:45

2:50

Additional practice with time to follow page 106

Add.
(9, 9) 18

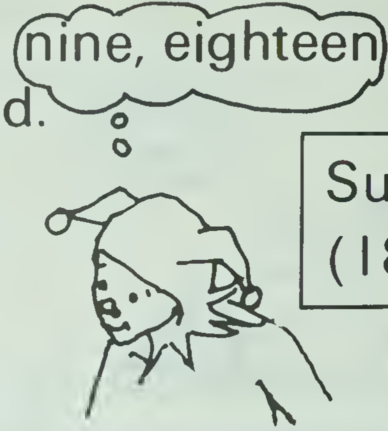


Add.

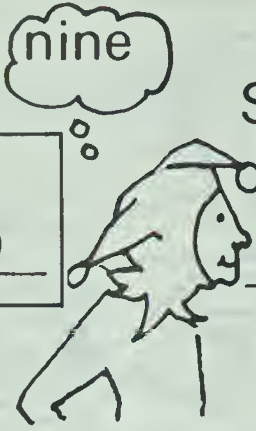
$$\begin{array}{r} 9 \\ \underline{9} \\ 18 \end{array}$$

Add.

$$\begin{array}{r} 9 \\ 8 \\ \underline{1} \\ 18 \end{array}$$



Subtract.
(18, 9) 9



Subtract.

$$\begin{array}{r} 18 \\ \underline{9} \\ 9 \end{array}$$

Add.

(8, 9) _____	(9, 9) _____	(6, 7) _____
(9, 5) _____	(8, 7) _____	(9, 7) _____
(8, 4) _____	(9, 8) _____	(7, 4) _____

Add.

7	9	8	9	6	8	7	6	9	9
9	9	6	5	9	9	7	7	8	6

Add.

5	9	9	8	6	8	6	8	8	7
7	3	7	6	5	2	4	3	4	2
6	4	2	3	4	5	4	7	5	2

Subtract.

(18, 9) _____	(15, 6) _____	(17, 8) _____
(17, 9) _____	(13, 7) _____	(14, 6) _____
(16, 7) _____	(15, 8) _____	(16, 9) _____

Subtract.

16	17	15	18	14	15	13	14	16	17
7	9	8	9	6	7	6	5	9	8

Additional practice in addition and subtraction facts to 18 to follow page 109

78
7 tens and 8
70 + 8
MATHWAYS 2
MATHWAYS 2

Complete.

69
___ tens and ___
___ + ___
MATHWAYS 2

90
___ tens and ___
___ + ___
MATHWAYS 2

79
___ tens and ___
___ + ___
MATHWAYS 2

47
___ tens and ___
___ + ___
MATHWAYS 2

88
___ tens and ___
___ + ___
MATHWAYS 2

42
___ tens and ___
___ + ___
MATHWAYS 2

93
___ tens and ___
___ + ___
MATHWAYS 2

___
___ tens and ___
90 + 1
MATHWAYS 2

___
___ tens and ___
80 + 7
MATHWAYS 2

57
___ tens and ___
___ + ___
MATHWAYS 2

___
3 tens and 4
___ + ___
MATHWAYS 2

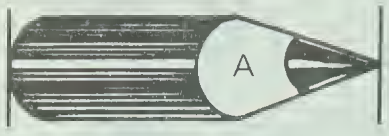
11
___ ten and ___
___ + ___
MATHWAYS 2

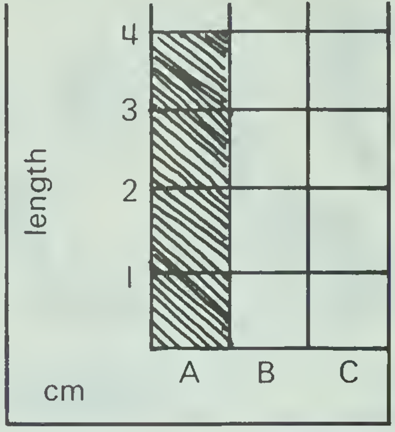
___
___ tens and ___
40 + 6
MATHWAYS 2

___
5 tens and 9
___ + ___
MATHWAYS 2

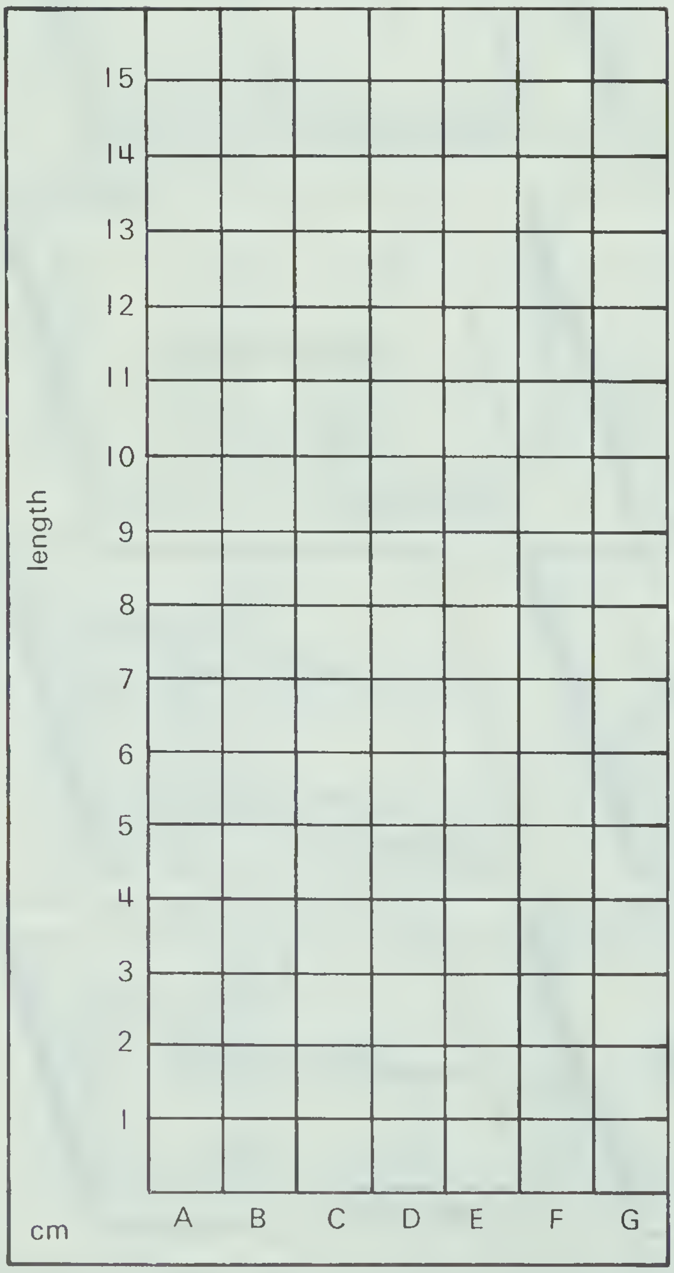
19
___ ten and ___
___ + ___
MATHWAYS 2

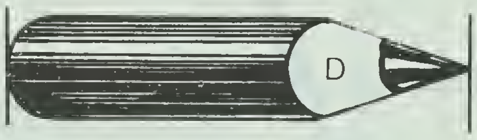
Additional practice with place value to follow page 111

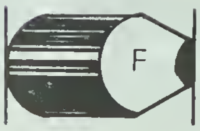


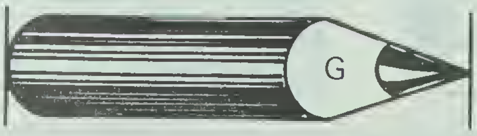


Measure the pencils. Make a graph.



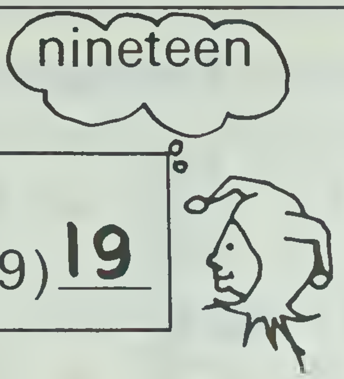




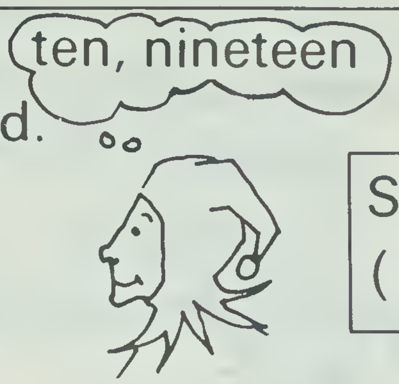


Additional practice in graphing to follow page 113

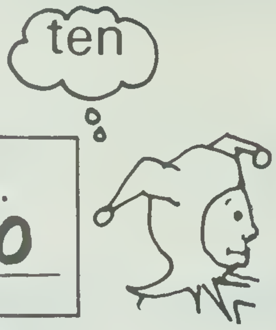
Add.
(10, 9) **19**



Add.
9
1
9
19



Subtract.
(19, 9) **10**



Subtract.
19
9
10

Add.

(14, 5) ____
(13, 6) ____
(12, 7) ____
(11, 8) ____
(14, 4) ____
(15, 2) ____
(16, 3) ____
(15, 4) ____
(14, 3) ____
(11, 7) ____
(10, 9) ____
(9, 10) ____

Add.

2	2	2	6	7	6	8	5	6	3
4	12	2	6	3	4	5	2	2	7
13	5	14	7	8	9	6	12	11	9

Subtract.

(19, 9) ____
(18, 8) ____
(17, 8) ____
(19, 12) ____
(16, 7) ____
(18, 11) ____
(18, 14) ____
(19, 15) ____
(19, 13) ____
(16, 9) ____
(19, 14) ____
(15, 9) ____

Subtract.

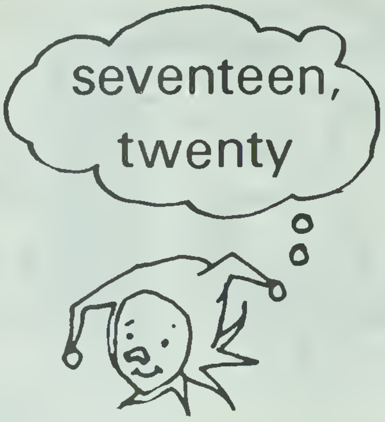
19	18	15	16	17	18	17	15	19	19
5	12	7	14	13	9	6	4	7	13

18	17	15	14	19	17	16	19	18	19
11	3	2	8	15	8	7	14	10	10

Additional practice in addition and subtraction facts to 19 to follow page 125

Add.

2	22	3
6	6	3
		14
8	28	20



Subtract.

53
8
45

Add.

3	23	4	34	6	56	7	67	5	95
4	4	5	5	3	3	2	2	3	3

7	27	5	45	8	68	2	22	6	86
6	6	8	8	7	7	9	9	5	5

Subtract.

75	89	98	47	69	76	99	89	97
4	2	6	3	8	4	9	7	3

53	47	36	24	68	51	82	95	26
7	9	8	7	9	5	8	7	9

Add.

2	5	2	1	6	4	2	1	3	2
3	7	8	4	8	8	9	7	3	2
15	4	9	15	3	7	9	12	14	16

3	8	6	7	3	4	6	7	1	3
7	8	9	7	8	7	5	9	2	4
9	4	5	5	6	9	8	4	17	13

Additional practice in addition and subtraction with regrouping to follow page 147

Nicole has 3 nickels and 8 pennies.
How many coins does she have?

3 + 8 = 11 She has 11 coins.

How many more pennies than nickels does she have?

8 - 3 = 5 She has 5 more pennies.

Roman drew 4 triangles, 3 squares and 6 rectangles.
How many shapes did he draw?

____________ Roman drew ____ shapes.

Nadia collected 5 oak leaves, 4 maple leaves and 8 elm leaves.
How many leaves did she collect?

____________ Nadia collected ____ leaves.

Jason had 15 sea shells. He traded 6 shells for marbles.
How many sea shells does he have now?

____________ Jason has ____ sea shells.

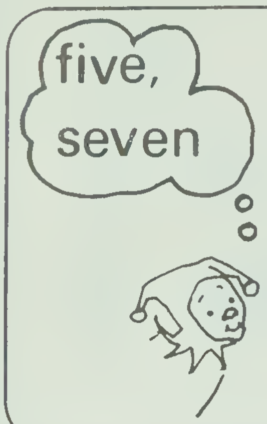
Michelle has 4 dimes and 9 pennies.
How many coins does she have?

____________ Michelle has ____ coins

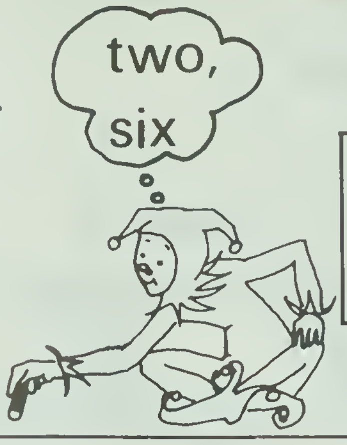
How many more pennies than dimes does she have?

____________ She has ____ more pennies.

Additional practice with story problems to follow page 152



Add.
24
11
41
76



Subtract.
(26, 9) **17**

Subtract.
26
9
17

Add.

26	15	32	24	81	16	55	43	64	70
11	12	23	33	17	12	11	30	20	20
42	72	11	42	1	51	23	16	15	9

Add.

53	72	34	61	84	20	21	36	45	28
26	17	55	28	15	69	18	43	13	41

Add.

4	7	9	3	7	5	8	6	8	8
9	5	6	8	4	8	5	8	7	9
7	8	5	8	9	6	7	6	4	3

Subtract.

63	20	19	24	38	27	52	65	91	84
9	9	8	6	9	8	7	6	5	7

Subtract.

(47, 9)_____
(75, 7)_____
(56, 9)_____

(61, 5)_____
(68, 9)_____
(23, 8)_____

(24, 8)_____
(92, 8)_____
(30, 9)_____

65¢ = 6 dimes and 1 nickel

40¢ < 2 quarters

55¢ > 5 dimes and 4 pennies

Use >, <, or =.

47¢ 1 quarter, 8 pennies and 1 nickel

54¢ 1 quarter, 3 dimes and 2 pennies

75¢ 4 dimes, 1 quarter and 3 pennies

85¢ 3 quarters, 1 nickel and 5 pennies

43¢ 3 dimes, 2 nickels and 3 pennies

72¢ 2 quarters, 2 dimes and 4 pennies

90¢ 3 quarters, 1 dime and 4 pennies

39¢ 1 quarter, 1 nickel and 3 pennies

57¢ 1 quarter, 2 dimes, 1 nickel and 2 pennies

68¢ 2 quarters, 2 nickels and 3 pennies

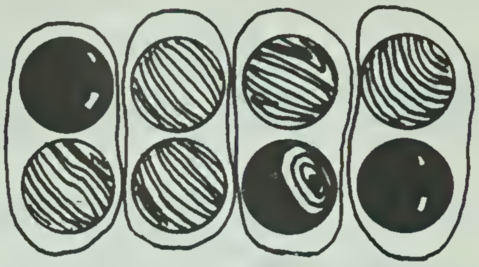
99¢ 3 quarters, 1 dime, 2 nickels and 4 pennies

80¢ 2 quarters, 2 dimes and 2 nickels

Additional practice with money to follow page 174

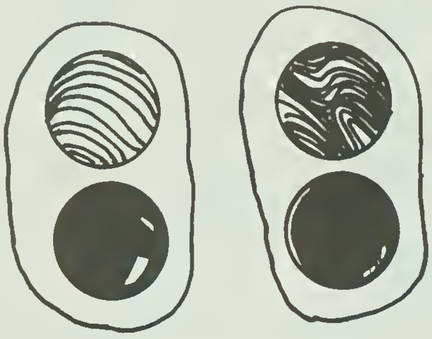
Multiply.
(4, 2) 8

4 × 2 = 8

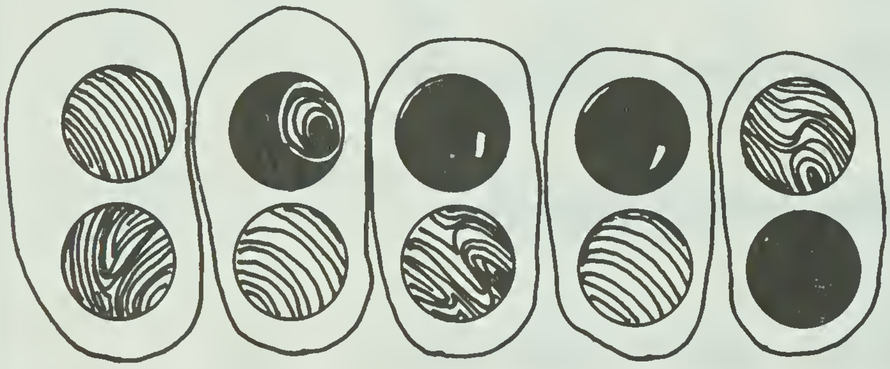


4 sets of 2 marbles
4 × 2 = 8

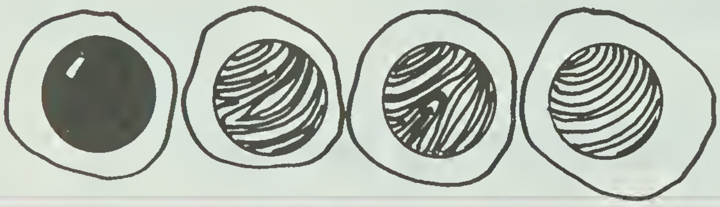
Complete.



____ sets of ____ marbles
2 × 2 = ____



____ sets of ____ marbles
5 × 2 = ____



____ set of ____ marbles
____ × 1 = ____

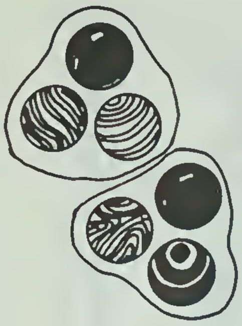
Complete.

3 × 2 = ____
3 × 1 = ____
4 × 1 = ____

4 × 2 = ____
2 × 2 = ____
5 × 1 = ____

1 × 1 = ____
5 × 2 = ____
2 × 1 = ____

Additional practice in multiplication facts to 5 × 2 to follow page 183



How many marbles are there?

2 × 3 = 6

How many sets of 3 marbles?

6 ÷ 3 = 2

Divide.

(6, 3) 2

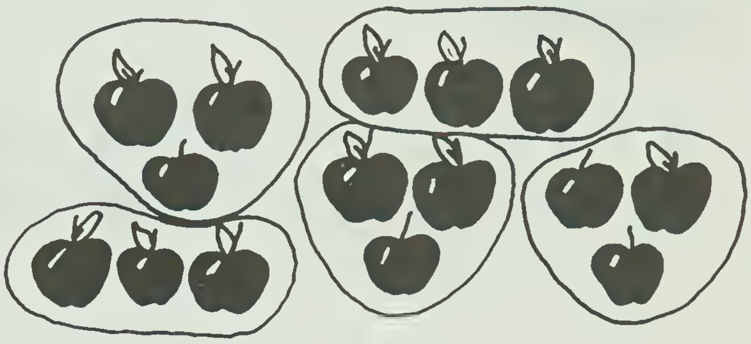
Complete.

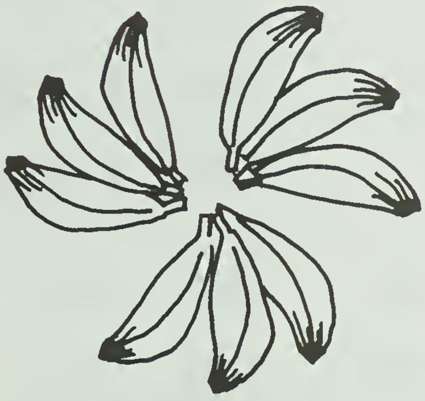
How many apples are there?

5 × 3 = _____

How many sets of 3 apples?

15 ÷ 3 = _____





How many bananas are there?

3 × 3 = _____

How many sets of 3 bananas?

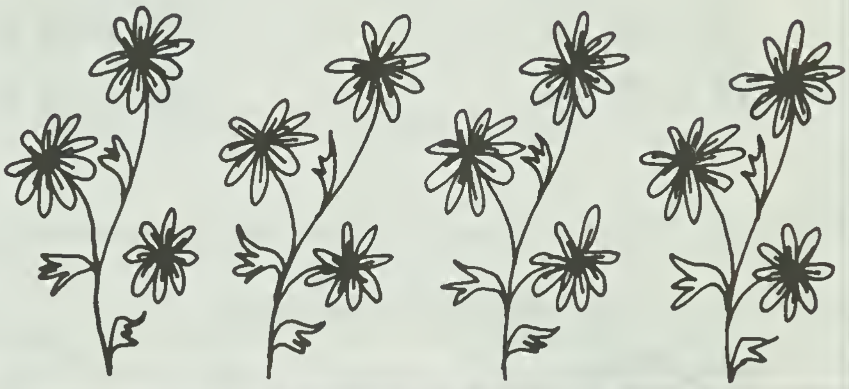
9 ÷ 3 = _____

How many flowers are there?

4 × 3 = _____

How many sets of 3 flowers?

12 ÷ 3 = _____



Divide.

(15, 3) ______	(4, 2) ______
(8, 2) ______	(10, 2) ______
(12, 3) ______	(3, 3) ______
(2, 1) ______	(4, 1) ______
(6, 3) ______	(9, 3) ______

Additional practice in division facts to 15 ÷ 3 to follow page 193

3 × 4 = 12

12 ÷ 4 = 3

Multiply.

(3, 4) 12

Divide.

(12, 4) 3

Complete.

5 × 3 = ____
15 ÷ 3 = ____

4 × 2 = ____
8 ÷ 2 = ____

3 × 2 = ____
6 ÷ 2 = ____

4 × 3 = ____
12 ÷ 3 = ____

5 × 2 = ____
10 ÷ 2 = ____

3 × 1 = ____
3 ÷ 1 = ____

2 × 2 = ____
4 ÷ 2 = ____

3 × 3 = ____
9 ÷ 3 = ____

2 × 1 = ____
2 ÷ 1 = ____

Multiply.

(3, 3) ____
(5, 2) ____
(5, 3) ____
(4, 3) ____
(3, 2) ____
(2, 2) ____
(3, 1) ____
(4, 2) ____

Divide.

(9, 3) ____
(10, 2) ____
(15, 3) ____
(12, 3) ____
(6, 2) ____
(4, 2) ____
(3, 1) ____
(8, 2) ____

Add.

49 = 40 + 9

28 = 20 + 8

77 = 60 + 17

$$\begin{array}{r} 49 \\ \underline{28} \\ 17 \\ \underline{60} \\ 77 \end{array}$$

Add.

(84, 7) 91

Add.

27 = ____ + ____

43 = ____ + ____

__ = ____ + ____

53 = ____ + ____

28 = ____ + ____

__ = ____ + ____

37 = ____ + ____

29 = ____ + ____

__ = ____ + ____

78 = ____ + ____

15 = ____ + ____

__ = ____ + ____

45	59	29	18	47	63	77	74	35	58
16	37	53	66	28	18	17	27	29	17
___	___	___	___	___	___	___	___	___	___
___	___	___	___	___	___	___	___	___	___

(9, 7) ____

(79, 6) ____

(85, 6) ____

(18, 7) ____

(26, 7) ____

(19, 5) ____

(19, 7) ____

(36, 8) ____

(86, 5) ____

(38, 7) ____

(86, 7) ____

(79, 5) ____

(49, 6) ____

(26, 8) ____

(26, 6) ____

(47, 8) ____

(77, 6) ____

(85, 9) ____

25 = ____ + ____

47 = ____ + ____

__ = ____ + ____

64 = ____ + ____

28 = ____ + ____

__ = ____ + ____

Additional practice in addition with regrouping to follow page 203

Subtract.

41 = **30** + **11**
27 = **20** + **7**
14 = **10** + **4**

Subtract.
(63, 9) **54**

Subtract.

56 = ____ + ____
39 = ____ + ____
__ = ____ + ____

63 = ____ + ____
37 = ____ + ____
__ = ____ + ____

(32, 7) ____
(46, 9) ____
(65, 8) ____
(57, 8) ____
(42, 3) ____
(61, 6) ____

(48, 9) ____
(51, 6) ____
(53, 5) ____
(31, 5) ____
(97, 8) ____
(73, 9) ____

(64, 8) ____
(87, 9) ____
(93, 8) ____
(36, 7) ____
(84, 5) ____
(56, 8) ____

47 = ____ + ____
18 = ____ + ____
__ = ____ + ____

72 = ____ + ____
38 = ____ + ____
__ = ____ + ____

73 = ____ + ____
48 = ____ + ____
__ = ____ + ____

86 = ____ + ____
37 = ____ + ____
__ = ____ + ____

40 = ____ + ____
23 = ____ + ____
__ = ____ + ____

67 = ____ + ____
39 = ____ + ____
__ = ____ + ____

QA 107 M43 1976 V-2
MATHWAYS/

39316410 CURR

000005160759

Counting to 100 / 6
One more, one less / 7–9
Addition and subtraction facts of 1 to 6 / 10–13
Time September calendar / 14
Addition and subtraction facts of 7 and 8 / 15–18, 20
Logic Visual perception / 19
Addition and subtraction facts of 9 and 10 / 21–25
Place value: meaning of two-digit numbers / 26–30
Addition and subtraction facts of 11 / 31, 32
Temperature Celsius thermometer / 33
Addition and subtraction facts of 12 / 34, 35, 37, 38, 40–42
Place value: expanded notation / 36–38
Measurement Linear measurement using non-standard units / 39
Story problems / 43, 55
Greater than, less than / 44
Graphing Pictograph / 45
Addition and subtraction facts of 13 / 46–49, 51
Measurement Linear measurement: centimetres / 50
Addition and subtraction facts of 14 / 52–56
Geometry Recognizing three-dimensional models / 57
Logic Patterns: colour, shape, size / 58–60
Number patterns / 60–62
Geometry Making pictures from two-dimensional shapes / 63, 64

UNIT 2

Addition and subtraction facts of 15 / 65–68, 72, 79, 80
Counting by fives to 100 / 69, 70
Measurement Area: counting square units / 71
Fractions: one-half, one-quarter, one-tenth / 73–78
Addition and subtraction facts of 16 / 81–84, 92, 93
Story problems / 81, 97, 126
Measurement Volume using non-standard units / 85
Letter symbol / 86, 87, 92
Money Recognizing coins, amounts to 99¢, making change / 88–91
Addition and subtraction facts of 17 / 94–96, 98, 99
Place value: meaning of two-digit numbers, expanded notation / 100, 111, 112, 117
Time Hours, thirty-minute intervals, five-minute intervals, recording time / 101–106
Addition and subtraction facts of 18 / 107–110
Measurement Linear measurement: centimetres / 113
aphing Objects, by ength / 113
unting by tens to 100 / 14–116, 119
dering two-digit numbers / 18, 119
Logic Paths / 120, 121
Addition and subtraction facts of 19 / 122–125
Measurement Perimeter / 127, 128

UNIT 3

Fractions: one-tenth to nine-tenths / 129–133
Recall addition and subtraction facts to 19 / 134–135
Letter symbol / 136
Story problems / 136, 139, 152, 158, 189, 195, 196
Addition and subtraction facts of 20 / 137–139, 149–151, 166, 167, 198
Geometry Properties of three-dimensional models / 140
Extensions, no regrouping / 141–145
Extensions, involving regrouping / 146, 147
Measurement Linear measurement: metres / 148
Logic Ordering / 153
Capacity Using non-standard units / 154
Addition and subtraction of two two-digit numbers, no regrouping / 155–158
Equality and inequality / 159
Place value: meaning of three-digit numbers, expanded notation / 160–165
Money Amounts to 99¢, making change / 168–175
Multiplication and division facts 1 × 1 to 5 × 3, 1 ÷ 1 to 15 ÷ 3 / 176–183, 185–196
Logic Maze / 184
Mass Comparing mass lighter–heavier / 197

UNIT 4
Extended Program

Addition of two two-dig numbers, involving reg ing from ones to tens 199–203
Story problems / 204, 2 222, 255
Subtraction of two two numbers, involving reg from tens to ones / 20
Fractions: one-tenth to tenths / 212–215
Decimals: 0.1 to 0.9 / 2
Graphing Bar graph /
Multiplication and divis facts to 5 × 5, 25 ÷ 5 218–224
Letter symbol / 224, 22 253, 254
Roman Numerals I to X 226
Recall addition and sub tion facts to 20 / 225, 241, 253–256
Time Five-minute inte recording time / 227–
Logic Number code / 231
Number patterns / 232–234
Place value: ordering three-digit numbers, expanded notation / 234–236
Equality and inequality / 235, 236
Counting by hundreds to 1000 / 237
Ordinal numbers: first to tenth / 238
Odd and even numbers / 239–242
Capacity Litres / 243
Fractions: one-tenth to ten-tenths / 244
Decimals: 0.1 to 1 / 244, 245
Recall multiplication and division facts to 5 × 5, 25 ÷ 5 / 246, 247
Graphing Height graph / 248
Measurement Linear measurement: centimetres / 248, 251
Geometry Relating two-dimensional shapes to real life / 249, 250
Geometry Symmetry / 252

MATHWAYS 2 PLUS

Additional practice to follow page

9, One more, one less / 258
17, Addition and subtraction facts to 8 / 259
25, Addition and subtraction facts to 10 / 260–261
37, Place value / 262
43, Story problems / 263
44, Greater than, less than / 264
45 Graphing / 265

QA 107 M43 1976 v.2
Mathways /

39316410 CURR

9 114427 82 81 80

Copp Clark Pitman